

MACS® Cell Analysis

Products for flow cytometry

2009/3

Product list

Important notices

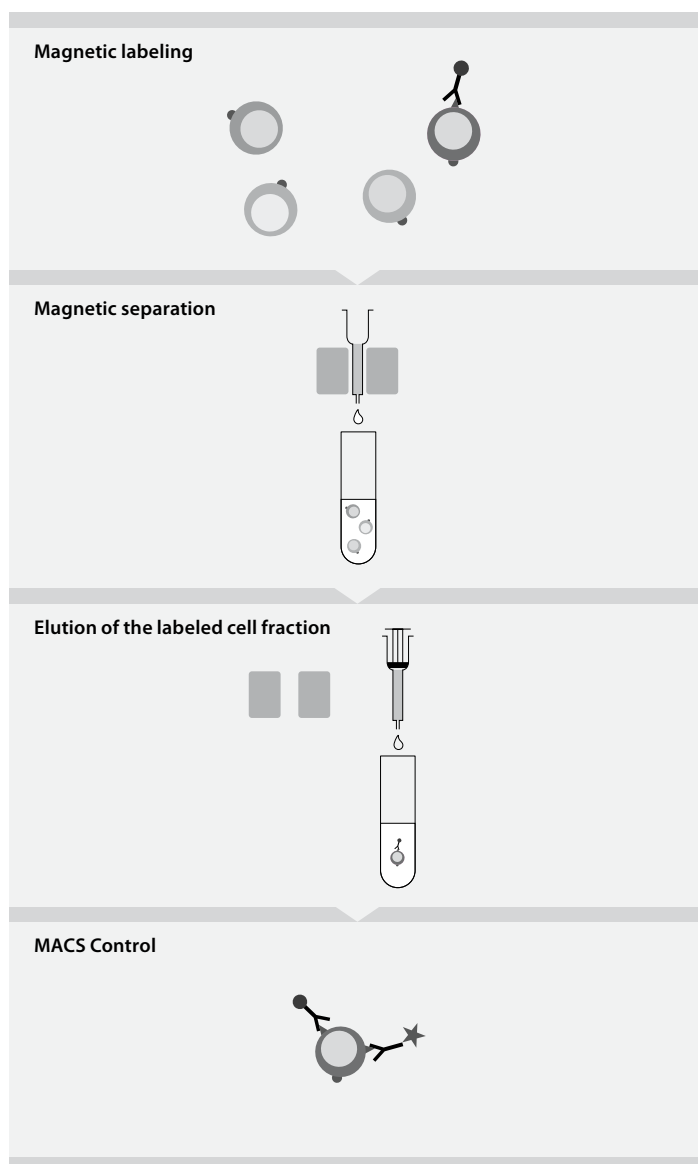
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MACS® Cell Analysis

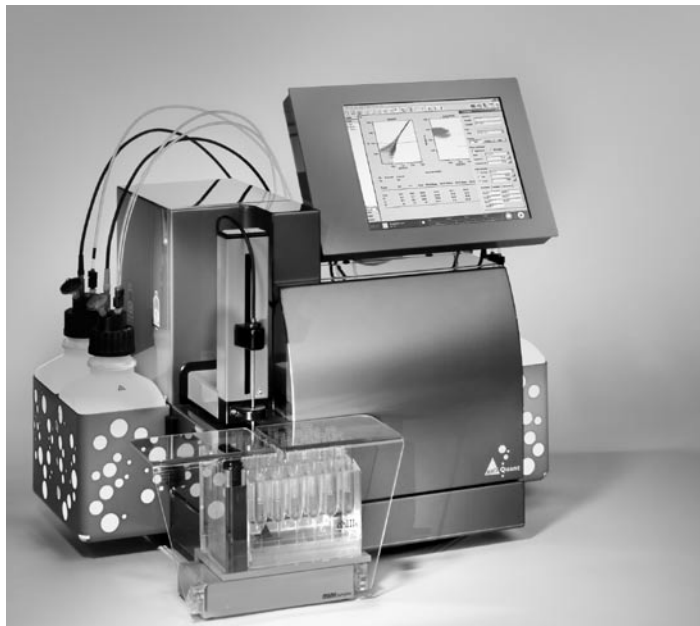


Miltenyi Biotec provides a wide range of products for cell analysis. The fluorochrome conjugated MACS® Antibodies are perfectly suited for identification and enumeration of human, mouse, or non-human primate cells by flow cytometry or fluorescence microscopy. MACS Antibodies are optimized to evaluate the separation efficiency and purity of cells separated by MACS Technology. The convenient, pre-titrated format allows staining of cells during or after cell separation. Miltenyi Biotec also offers endotoxin-tested and azide-free antibodies, which are optimal for *in vitro* and *in vivo* functional assays. Ready-to-use enumeration kits, antibody cocktails, isotype controls, and accessory products complete the portfolio.

To simplify the flow cytometric evaluation of cell separations, Miltenyi Biotec developed the **MACS Control (MC) Antibody Cocktails**. MC Cocktails consist of selected antibodies for reliable identification of the desired cell type. In addition, a CD45 anti-body conjugated to VioBlue is included to restrict analysis to leukocytes. The pre-mixed cocktails speed up the staining procedure and are compatible with automation using the MACSQuant Analyzer. Appropriate MC Cocktails are available for a multitude of MACS Cell Separation reagents.

VioBlue™ is a new fluorophore developed by Miltenyi Biotec. It is used with a violet laser. With an absorption maximum at 405 nm and an emission maximum at 455 nm, it is perfectly suited for the standard laser and filter equipment of the MACSQuant Analyzer. Combination of VioBlue with other fluorochromes is easily possible. Thus, VioBlue adds to the variety of marker combinations for multiparameter cell analysis. The panel of MACS Antibodies conjugated to VioBlue will be continuously expanded. Information on the latest additions to the portfolio are available at www.miltenyibiotec.com/vioblue.

MACSQuant™ Analyzer — a new milestone in cell analysis



The MACSQuant Analyzer

Paving the way to successful research

The MACSQuant™ Analyzer is a uniquely compact benchtop analyzer that is small in size but big in performance. Equipped with three spatially separate lasers, the MACSQuant Analyzer can detect seven fluorescent channels and two scatter channels for sensitive and reliable multiparameter flow cytometric analysis. In combination with the integrated MACS Cell Enrichment Unit rare cell analysis can also be performed with ease.

Multisample processing at the touch of a button

With the MACS® MiniSampler and MACS Cooling Tube Racks the MACSQuant Analyzer can process up to 96 samples

in a fully automated fashion: From sample autolabeling and sample uptake, through data acquisition and automatic gating to the generation of print-ready results.

Hassle-free instrument housekeeping

Routine chores such as instrument calibration and compensation are simplified by the MACSQuant Analyzer. A full system check at startup and automated cleaning and shutdown procedures allow for straightforward instrument maintenance. Even experiment results, instrument and software settings are automatically archived for peace of mind.

Combining complex data analysis with intuitive instrument control

The MACSQuantify™ Software is an intuitive program that not only acts as a user interface to the MACSQuant Analyzer, but also is a powerful standalone application for data analysis on individual computers. Users can easily import, analyze and export flow cytometry data in various file formats.

Excite and inspire

The MACSQuant Analyzer and MACSQuantify Software provide high quality cell analysis while offering the researcher more time to pursue other activities. For more information on how the MACSQuant Analyzer and Miltenyi Biotec can expand your research capabilities, visit: www.macsquant.com.

The MACSQuant Analyzer at a glance:

- Compact benchtop design
- Multiparameter cell analysis —
7 fluorescence and 2 scatter channels
- Absolute cell counting
- Highly sensitive analysis of rare cells
- Automated multisample labeling and analysis
- Intuitive MACSQuantify Software

Technical specifications

Laser: 3 air-cooled lasers

(excitation wavelengths: 405 nm, 488 nm, and 635 nm)

Optical parameters: FSC, SSC, and seven fluorescence channels

Default detection dyes:

Violet laser: VioBlue™, Hoechst dyes™ Pacific Blue™

Blue laser: FITC, PE, PI/PE-Cy5.5, PE-Cy7 **Red laser:** APC, APC-Cy7

Compensation: Manual or automated 7 × 7 matrix (during or post acquisition)

Analysis rate: Up to 10⁴ events/second

Sample flow rate: 25 – 100 µL/minute

Minimal sample volume: 25 µL

Absolute cell count performance: Accuracy ± 5 %; reproducibility (CV): <5 %

Fluorescence performance: 5 decade logarithmic scales

Fluorescence resolution: <5 % CVs (for FITC/PE/APC)

Sample uptake: uptake port (for y/z axis movements) with an automated washing station

Sheath fluid consumption: 2–10 mL/minute

Monitor: 12" touch screen (internal)

Operating system: Microsoft® Windows®

Ports: USB-2, Ethernet (100 Mbit/sec.)

DVD writer: Built-in

Power consumption: 350 W

Size: (W × D × H): 600 × 350 × 400 mm (23.6 × 13.8 × 15.7")

Weight: 50 kg (110 lbs)

Certification: UL-listed and CE-marked

MACS® Products for flow cytometry

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Anti-A2B5	105-HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ⁴	✓	130-093-581
			APC	100 tests ⁴	✓	130-093-582
			Biotin	100 tests ⁴	✓	130-093-393
			pure	100 µg in 1 mL	✓	130-093-394
Anti-CLA	HECA-452, rat IgM	Detection of CLA ⁺ lymphocytes and monocytes	FITC	100 tests	✓	130-091-636
			PE	100 tests	✓	130-091-635
			Biotin	100 tests	✓	130-091-634
			pure	100 µg in 1 mL	✓	130-092-629
Anti-Cytokeratin	CK3-3E4, mouse IgG2a	Detection of normal and malignant human epithelial cells	pure	100 µg in 1 mL	(✓)	130-090-865
Anti-Cytokeratin	CK3-6H5, mouse IgG1	Detection of normal and malignant human epithelial cells	FITC	100 tests	(✓)	130-080-101
			pure	100 µg in 1 mL	(✓)	130-090-866
Anti-Cytokeratin	CK3-3E4, mouse IgG2a, CK3-11D5, mouse IgG1	Immunohistochemical detection of normal and malignant human epithelial cells	Alkaline Phosphatase	up to 50 tests	(✓)	130-090-462
Anti-FoxP3	3G3, mouse IgG1	Intracellular staining of FoxP3 ⁺ human, mouse, or non-human primate cells	PE	100 tests		130-093-014
			APC	100 tests		130-093-013
Anti-GITR	DT5D3, mouse IgG1	Detection of GITR expression on human cells	PE	100 tests	✓	130-092-895
			Biotin	100 tests	✓	130-092-886
			pure	100 µg in 1 mL	✓	130-092-885
Anti-GITR – functional grade	DT5D3, mouse IgG1	Unconjugated antibody for <i>in vitro</i> functional assays	pure	500 µg in 0.5 mL		130-093-052
Anti-IgA	IS11-8E10, mouse IgG1	Detection of human IgA	FITC	100 tests	✓	130-093-071
			PE	100 tests	✓	130-093-128
			APC	100 tests	✓	130-093-113
			Biotin	100 tests	✓	130-093-114
			pure	100 µg in 1 mL	✓	130-093-073
Anti-IgA2	IS11-21E11, mouse IgG1	Detection of human IgA2	FITC	100 tests	✓	130-093-069
			PE	100 tests	✓	130-093-070
			APC	100 tests	✓	130-093-079
			Biotin	100 tests	✓	130-093-080
			pure	100 µg in 1 mL	✓	130-093-081
Anti-IgD	IgD26, mouse IgG1	Detection of IgD ⁺ human cells	FITC	100 tests	(✓)	130-094-552
			PE	100 tests	✓	130-094-539
			APC	100 tests	✓	130-094-553
			Biotin	100 tests	✓	130-094-554
			pure	100 µg in 1 mL	✓	130-094-555

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Human (continued)						
Anti-IgE	MB10-5C4, mouse IgG1	Detection of human IgE	FITC	100 tests	✓	130-093-065
			PE	100 tests	✓	130-093-066
			APC	100 tests	✓	130-093-067
			Biotin	100 tests	✓	130-093-068
			pure	100 µg in 1 mL	✓	130-093-127
Anti-IgG	IS11-3B2.2.3, mouse IgG1	Detection of human IgG	FITC	100 tests	✓	130-093-192
			PE	100 tests	✓	130-093-193
			APC	100 tests	✓	130-093-194
			Biotin	100 tests	✓	130-093-195
			pure	100 µg in 1 mL	✓	130-093-197
Anti-IgG1	IS11-12 E4.23.20, mouse IgG1	Detection of human IgG1	PE	100 tests	✓	130-093-188
			APC	100 tests	✓	130-093-189
			Biotin	100 tests	✓	130-093-190
Anti-Igκ Light Chain	IS11-24D5, mouse IgG1	Detection of human immunoglobulins with κ light chains	FITC	100 tests	✓	130-093-053
			PE	100 tests	✓	130-093-054
			APC	100 tests	✓	130-093-043
			Biotin	100 tests	✓	130-093-042
			pure	100 µg in 1 mL	✓	130-093-041
Anti-Igλ Light Chain	IS7-24C7, mouse IgG1	Detection of human immunoglobulins with λ light chains	FITC	100 tests	✓	130-093-040
			PE	100 tests	✓	130-093-039
			APC	100 tests	✓	130-093-038
			Biotin	100 tests	✓	130-093-025
			pure	100 µg in 1 mL	✓	130-093-024
Anti-IgM	PJ2-22H3, mouse IgG1	Detection of human IgM	PE	100 tests	✓	130-093-075
			APC	100 tests	✓	130-093-076
			Biotin	100 tests	✓	130-093-077
			pure	100 µg in 1 mL	✓	130-093-078
Anti-iNKT	6B11, mouse IgG1	Detection of human invariant NKT cells expressing the T cell receptor Va24-Jα18 combined with Vβ11.	PE	100 tests	✓	NEW 130-094-838
			APC	100 tests	✓	NEW 130-094-839
			Biotin	100 tests	✓	NEW 130-094-841
Anti-iNKT – functional grade	6B11, mouse IgG1	The pure, functional grade antibody can be used for specific activation and expansion of iNKT cells	pure	100 µg in 1 mL	✓	NEW 130-094-865
Anti-KIR2D	NKVFS1, mouse IgG1	Detection of KIR receptors on human NK cells and subsets of T cells	PE	100 tests	✓	130-092-688
			APC	100 tests	✓	130-092-687
			Biotin	100 tests	✓	130-092-904
			pure	100 µg in 1 mL	✓	130-092-689
Anti-Melanoma (MCSP)	EP-1, mouse IgG1	Detection of human melanoma cells	PE	100 tests	✓	130-091-225
			APC	100 tests	✓	130-091-252
Anti-MSCA-1 (W8B2)	W8B2, mouse IgG1	Detection of MSCA-1 ⁺ marrow stromal cells	PE	100 tests	✓	130-093-587
			APC	100 tests	✓	130-093-589
			Biotin	100 tests	✓	130-093-593
			pure	100 µg in 1 mL	✓	130-093-595

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Human (continued)						
Anti-NKp80	4A4.D10, mouse IgG1	Detection of NKp80 (KLRF1), expressed on all human NK cells and a small subset of T cells.	FITC	100 tests	✓	NEW 130-094-843
			PE	100 tests	✓	NEW 130-094-844
			APC	100 tests	✓	NEW 130-094-845
			pure	100µg in 1 mL	✓	NEW 130-094-846
Anti-PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM ⁺ neuronal-restricted precursor human, mouse, and rat cells	PE	100 tests ⁴	✓	130-093-274
			APC	100 tests ⁴	✓	130-093-273
Anti-PTK7 (CCK-4)	188B, mouse IgG2a	Detection of human plasmacytoid dendritic cells, type-2 myeloid dendritic cells, and hematopoietic progenitor cells in blood and bone marrow	PE	100 tests	✓	130-091-364
			APC	100 tests	✓	130-091-366
			Biotin	100 tests	✓	130-091-365
			pure	100 µg in 1 mL	✓	130-091-578
Anti-Slan (M-DC8)	DD1, mouse IgM	Detection of Slan (M-DC8) on human monocytic cells	FITC	100 tests	✓	130-093-027
			PE	100 tests	✓	130-093-029
			APC	100 tests	✓	130-093-031
			Biotin	100 tests	✓	130-093-033
Anti-TCRa/β	BW242/412, mouse IgG2b	Detection of human T cells	PE	100 tests	✓	130-091-236
			APC	100 tests	✓	130-091-237
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	Detection of human CD1c (BDCA-1) ⁺ myeloid dendritic cells (MDC1s)	FITC	100 tests	(✓)	130-090-507
			PE	100 tests	✓	130-090-508
			APC	100 tests	✓	130-090-903
			Biotin	100 tests	(✓)	130-090-692
			pure	100 µg in 1 mL	(✓)	130-090-695
CD2	LT2, mouse IgG2b	Detection of human T and NK cells	PE	100 tests	✓	130-091-115
CD2 – functional grade	LT2, mouse IgG2b	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL		130-093-376
CD3	BW264/56, mouse IgG2a	Detection of human T cells	FITC	100 tests	✓	130-080-401
			PE	100 tests	✓	130-091-374
			APC	100 tests	✓	130-091-373
			VioBlue	100 tests	✓	130-094-363
CD3 – functional grade	OKT3, mouse IgG2a	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL		130-093-377
			pure	100 µg in 1 mL		130-093-387
CD4 (VIT4)	VIT4, mouse IgG2a	Detection of human T helper cells or identification of MACSelect 4-transfected cells	FITC	100 tests	✓	130-092-358
			PE	100 tests	✓	130-092-373
			APC	100 tests	✓	130-092-374
			VioBlue	100 tests	✓	130-094-153
CD4	M-T466, mouse IgG1	Detection of human T helper cells or identification of MACSelect 4-transfected cells	FITC	100 tests	✓	130-080-501
			PE	100 tests	✓	130-091-231
			APC	100 tests	✓	130-091-232
CD6	M-T411, mouse IgG1	Detection of human T and B cells	FITC	100 tests	(✓)	130-091-482
			PE	100 tests	✓	130-091-233
			APC	100 tests	✓	130-091-234

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Human (continued)						
CD8	BW135/80, mouse IgG2a	Detection of human cytotoxic T cells	FITC	100 tests	✓	130-080-601
			PE	100 tests	✓	130-091-084
			APC	100 tests	✓	130-091-076
			VioBlue	100 tests	✓	130-094-152
CD10	97C5, mouse IgG1	Detection of CD10 ⁺ B cells	FITC	100 tests	✓	130-093-448
			PE	100 tests	✓	130-093-449
			APC	100 tests	✓	130-093-450
			Biotin	100 tests	✓	130-093-451
CD11b	M1/70.15.11.5, rat IgG2b	Detection of human and mouse myeloid cells	FITC	100 tests	✓	130-081-201
			PE	100 tests	✓	130-091-240
			APC	100 tests	✓	130-091-241
CD11c	MJ4-27G12.4.6, mouse IgG2b	Detection of CD11c ⁺ myeloid cells, especially type 1 myeloid dendritic cells (MDC1s)	FITC	100 tests	✓	130-092-410
			PE	100 tests	✓	130-092-411
			APC	100 tests	✓	130-092-412
			Biotin	100 tests	✓	130-092-413
			pure	100 µg in 1 mL	✓	130-092-414
CD14	TÜK4, mouse IgG2a	Detection of human monocytes and macrophages	FITC	100 tests	✓	130-080-701
			PE	100 tests	✓	130-091-242
			APC	100 tests	✓	130-091-243
			VioBlue	100 tests	✓	130-094-364
CD15	VIMC6, mouse IgM	Detection of human granulocytes	FITC	100 tests	✓	130-081-101
			PE	100 tests	✓	130-091-375
			APC	100 tests	✓	130-091-371
CD16	VEP13, mouse IgM	Detection of human CD16 ⁺ cells	FITC	100 tests	✓	130-091-244
			PE	100 tests	✓	130-091-245
			APC	100 tests	✓	130-091-246
CD19	LT19, mouse IgG1	Detection of human B cells and follicular dendritic cells	FITC	100 tests	(✓)	130-091-328
			PE	100 tests	✓	130-091-247
			APC	100 tests	✓	130-091-248
CD20	LT20, mouse IgG1	Detection of human B cells	FITC	100 tests	✓	130-091-108
			PE	100 tests	✓	130-091-109
			VioBlue	100 tests	✓	130-094-167
CD23	M-L234, mouse IgG1	Identification and enumeration of CD23 (FcεRII, IgE Fc receptor, or low affinity IgE receptor) on human cells	PE	100 tests	✓	130-094-505
			APC	100 tests	✓	130-094-508
			Biotin	100 tests	✓	130-094-510
CD25	4E3, mouse IgG2b	Detection of activated human T and B cells and regulatory T cells	PE	100 tests	✓	130-091-024
			APC	100 tests	✓	130-092-858
			Biotin	100 tests	✓	130-091-235
CD26	FR10-11G9, mouse IgG2a	Detection of human CD26 ⁺ cells	PE	100 tests	✓	130-093-440
			APC	100 tests	✓	130-093-441
			Biotin	100 tests	✓	130-093-442

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Human (continued)						
CD27	M-T271, mouse IgG1	Detection of CD27 on human T, B, and NK cells.	FITC	100 tests	✓	130-093-184
			PE	100 tests	✓	130-093-185
			APC	100 tests	✓	130-093-186
			Biotin	100 tests	✓	130-093-196
CD28	15E8, mouse IgG1	Detection of CD28 on human leukocytes	PE	100 tests	✓	130-092-921
			APC	100 tests	✓	130-092-923
			Biotin	100 tests	✓	130-092-955
CD28 – functional grade	15E8, mouse IgG1	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL		130-093-386
			pure	100 µg in 1 mL		130-093-375
CD30	Ki-2, mouse IgG1	Detection of human Hodgkin/Reed-Sternberg cells or activated T and B cells	PE	100 tests	✓	130-081-401
CD31	AC128, mouse IgG1	Detection of human CD31 ⁺ cells	FITC	100 tests	✓	130-092-654
			PE	100 tests	✓	130-092-653
			APC	100 tests	✓	130-092-652
CD33	AC104.3E3, mouse IgG1	Detection of human myeloid cells	PE	100 tests	✓	130-091-732
			APC	100 tests	(✓)	130-091-731
CD34	AC136, mouse IgG2a	Detection of human hematopoietic stem and progenitor cells	FITC	100 tests	✓	130-081-001
			PE	100 tests	✓	130-081-002
			APC	100 tests	✓	130-090-954
CD38	1B6, mouse IgG2b	Detection of human immature and activated T and B cells, and plasma cells	FITC	100 tests	✓	130-092-259
			PE	100 tests	✓	130-092-260
			APC	100 tests	✓	130-092-261
			Biotin	100 tests	✓	130-092-288
CD39	MZ18-23C8, mouse IgG1	Detection of human CD39 ⁺ regulatory T cells and other CD39-expressing cells	FITC	100 tests	✓	130-093-502
			PE	100 tests	✓	130-093-503
			APC	100 tests	✓	130-093-504
			Biotin	100 tests	✓	130-093-505
			pure	100 mg in 1 mL	✓	130-093-506
CD40	HB14, mouse IgG1	Detection of CD40 on B cells, macrophages, follicular dendritic cells, and a subset of peripheral T cells	PE	100 tests	✓	130-094-135
			APC	100 tests	✓	130-094-137
			Biotin	100 tests	✓	130-094-142
CD40 – functional grade	HB14, mouse IgG1	Unconjugated antibody for blocking of CD40-CD154 interaction	pure	100 µg in 1 mL		130-094-133
CD45	5B1, mouse IgG2a	Detection of human leukocytes	FITC	100 tests	✓	130-080-202
			PE	100 tests	✓	130-080-201
			APC	100 tests	✓	130-091-230
			VioBlue	100 tests	✓	130-092-880
CD45RA	T6D11, mouse IgG2b	Detection of subsets of human T cells and B cells	FITC	100 tests	✓	130-092-247
			PE	100 tests	✓	130-092-248
			APC	100 tests	✓	130-092-249

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Human (continued)						
CD49d	MZ18-24A9, mouse IgG2b	Detection of CD49d on human cells	FITC	100 tests	✓	130-093-283
			PE	100 tests	✓	130-093-282
			APC	100 tests	✓	130-093-281
			Biotin	100 tests	✓	130-093-280
			pure	100 µg in 1 mL	✓	130-093-279
CD56	AF12-7H3, mouse IgG1	Detection of human NK cells	PE	100 tests	(✓)	130-090-755
			APC	100 tests	(✓)	130-090-843
			pure	50 µg in 1 mL	(✓)	130-090-955
CD57	TB03, mouse IgM	Detection of CD57 expression on human T cell and NK cell subsets	FITC	100 tests	✓	130-092-174
			PE	100 tests	✓	130-092-139
			APC	100 tests	✓	130-092-141
			Biotin	100 tests	✓	130-092-620
CD61	Y2/51, mouse IgG1	Detection of human megakaryocytes and platelets	PE	100 tests	✓	130-081-501
CD62L	145/15, mouse IgG1	Detection of human L-selectin-expressing cells	FITC	100 tests	✓	130-091-757
			PE	100 tests	✓	130-091-756
			APC	100 tests	✓	130-091-755
CD66abce	TET2, mouse IgG2b	Detection of CD66abce expression on granulocytes, neutrophils, and some epithelial cells	FITC	100 tests	✓	130-093-132
			PE	100 tests	✓	130-093-133
			APC	100 tests	✓	130-093-155
			Biotin	100 tests	✓	130-093-156
CD69	FN50, mouse IgG1	Detection of activated human T, B, and NK cells	FITC	100 tests	✓	130-092-166
			PE	100 tests	✓	130-092-160
			APC	100 tests	✓	130-092-159
			Biotin	100 tests	✓	130-092-161
CD71	AC102, mouse IgG2a	Detection of human proliferating cells	PE	100 tests	✓	130-091-728
			APC	100 tests	✓	130-091-727
CD83	HB15, mouse IgG1	Detection of CD83-expressing human cells, e. g. mature DCs	PE	100 tests	✓	130-094-181
			APC	100 tests	✓	130-094-186
			Biotin	100 tests	✓	130-094-177
CD84	MZ18-21F6, mouse IgG1	Detection of CD84 expression on human cells	FITC	100 tests	✓	130-093-278
			PE	100 tests	✓	130-093-277
			APC	100 tests	✓	130-093-276
			Biotin	100 tests	✓	130-093-275
CD86	FM95, mouse IgG1	Detection of CD86 ⁺ monocytes, monitoring of DC maturation	FITC	100 tests	✓	NEW 130-094-878
			PE	100 tests	✓	NEW 130-094-877
			APC	100 tests	✓	NEW 130-094-876
CD95	DX2, mouse IgG1	Detection of CD95 on human cells	FITC	100 tests	✓	130-092-415
			PE	100 tests	✓	130-092-416
			APC	100 tests	✓	130-092-417
			Biotin	100 tests	✓	130-092-418

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Human (continued)						
CD117 (A3C6E2)	A3C6E2, mouse IgG1	Detection of hematopoietic and nonhematopoietic stem and progenitor cells	PE	100 tests	✓	130-091-734
			APC	100 tests	✓	130-091-733
CD117 (AC126)	AC126, mouse IgG1	Detection of hematopoietic and nonhematopoietic stem and progenitor cells	PE	100 tests	✓	130-091-735
CD123	AC145, mouse IgG2a	Detection of human basophilic granulocytes	FITC	100 tests	✓	130-090-897
			PE	100 tests	✓	130-090-899
			APC	100 tests	✓	130-090-901
			pure	50 µg in 1 mL	✓	130-090-940
CD127	MB15-18C9, mouse IgG2a	Detection CD127 T cells, e.g. memory CD8 T cell precursors or CD127- regulatory T cells	FITC	100 tests	✓	NEW 130-094-888
			PE	100 tests	✓	NEW 130-094-889
			APC	100 tests	✓	NEW 130-094-890
			Biotin	100 tests	✓	NEW 130-094-891
			pure	100 µg in 1 mL	✓	NEW 130-094-942
CD133/1	W6B3C1, mouse IgG1	Evaluation of CD133 expression in human tissue by Western blot	pure	100 µg in 1 mL		130-092-395
CD133/1	AC133, mouse IgG1	Detection of human stem and progenitor cells	PE	100 tests	(✓)	130-080-801
			APC	100 tests	(✓)	130-090-826
			Biotin	100 tests	(✓)	130-090-664
			pure	50 µg in 1 mL	(✓)	130-090-422
CD133/2	293C3, mouse IgG2b	Detection of human stem and progenitor cells	PE	100 tests	✓	130-090-853
			APC	100 tests	✓	130-090-854
			Biotin	100 tests	✓	130-090-852
			pure	50 µg in 1 mL	✓	130-090-851
CD133/2	AC141, mouse IgG1	Detection of human stem and progenitor cells	PE	100 tests	✓	130-080-901
			pure	50 µg in 1 mL	✓	130-090-423
CD137	4B4-1, mouse IgG1	Detection of activated antigen-specific CD137 ⁺ T cells	PE	100 tests	✓	130-093-475
			APC	100 tests	✓	NEW 130-094-821
CD138	B-B4, mouse IgG1	Detection of normal and malignant human plasma cells	PE	100 tests	✓	130-081-301
			APC	100 tests	✓	130-091-250
CD141 (BDCA-3)	AD5-14H12, mouse IgG1	Detection of human CD141 (BDCA-3) ⁺ type-2 myeloid dendritic cells (MDC2s)	FITC	100 tests	✓	130-090-513
			PE	100 tests	✓	130-090-514
			APC	100 tests	✓	130-090-907
			Biotin	100 tests	✓	130-090-749
			pure	100 µg in 1 mL	✓	130-090-694
CD146	541-10B2, mouse IgG1	Detection of endothelial cells, smooth muscle cells, follicular dendritic cells, melanoma cells, and a sub-population of activated T lymphocytes	FITC	100 tests	✓	130-092-851
			PE	100 tests	✓	130-092-853
			APC	100 tests	✓	130-092-849
			Biotin	100 tests	✓	130-092-852
			pure	100 µg in 1 mL	✓	130-092-850
CD154	5C8, mouse IgG2a	Detection of activated human CD4 ⁺ T cells	PE	100 tests	✓	130-092-289
			APC	100 tests	✓	130-092-290
			Biotin	100 tests	✓	130-092-690

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Human (continued)						
CD158a/h (KIR2DL1/DS1)	11PB6, mouse IgG1	Detection of Killer-Immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	FITC	100 tests	✓	130-092-811
			PE	100 tests	✓	130-092-684
			APC	100 tests	✓	130-092-685
			Biotin	100 tests	✓	130-092-683
			pure	100 µg in 1mL	✓	130-092-682
CD158b (KIR2DL2/DL3)	DX27, mouse IgG2a	Detection of Killer-Immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	PE	100 tests	✓	130-092-618
			APC	100 tests	✓	130-092-617
			pure	100 µg in 1mL	✓	130-092-615
CD158e (KIR3DL1)	DX9, mouse IgG1	Detection of Killer-Immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	FITC	100 tests	✓	130-092-568
			PE	100 tests	✓	130-092-473
			APC	100 tests	✓	130-092-474
			Biotin	100 tests	✓	130-092-475
			pure	100 µg in 1mL	✓	130-092-555
CD158i (KIR2DS4)	JJC11.6, mouse IgG1	Detection of Killer-Immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	PE	100 tests	✓	130-092-680
			APC	100 tests	✓	130-092-681
			Biotin	100 tests	✓	130-092-898
			pure	100 µg in 1 mL	✓	130-092-679
CD161 (NKR-P1A)	191B8, mouse IgG2a	Detection of CD161 (NKR-P1A) on human NK cells and subsets of T cells	FITC	100 tests	✓	130-092-907
			PE	100 tests	✓	130-092-677
			APC	100 tests	✓	130-092-678
			Biotin	100 tests	✓	130-092-906
			pure	100 µg in 1 mL	✓	130-092-676
CD197 (CCR7)	FR11-11E8, mouse IgG1	Detection of chemokine receptor CCR7 on human cells	PE	100 tests	✓	130-093-621
			APC	100 tests	✓	130-093-624
			pure	100 µg in 1 mL	✓	130-093-626
CD203c	FR3-16A11, mouse IgG1	Detection of human basophils and mast cells	PE	100 tests	✓	130-092-343
			APC	100 tests	✓	130-092-344
			Biotin	100 tests	✓	130-092-345
			pure	100 µg in 1 mL	✓	130-092-392
CD209 (DC-SIGN)	DCN47.5, mouse IgG1	Detection of CD209 (DC-SIGN) on human cells	FITC	100 tests	✓	130-092-873
			PE	100 tests	✓	130-092-869
			APC	100 tests	✓	130-092-871
			Biotin	100 tests	✓	130-092-875
			pure	100 µg in 1mL	✓	130-092-877
CD226 (DNAM-1)	DX11, mouse IgG1	Detection of DNAM-1 on human NK cells and on subsets of lymphocytes and monocytes	PE	100 tests	✓	130-092-476
			APC	100 tests	✓	130-092-477
			Biotin	100 tests	✓	130-092-478
			pure	100 µg in 1mL	✓	130-092-479
CD271 (LNGFR)	ME20.4-1.H4, mouse IgG1	Detection of human CD271 (LNGFR) ⁺ cells	FITC	100 tests	(✓)	130-091-917
			PE	100 tests	(✓)	130-091-885
			APC	100 tests	(✓)	130-091-884
			Biotin	100 tests	(✓)	130-091-883

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies · Human (continued)						
CD294 (CRTH2)	BM16, rat IgG2a	Detection of human Th2 cells	PE	100 tests	✓	130-091-238
			Biotin	100 tests	✓	130-091-239
CD303 (BDCA-2)	AC144, mouse IgG1	Detection of human plasmacytoid dendritic cells in blood, lymphoid, and non-lymphoid tissues	FITC	100 tests	(✓)	130-090-510
			PE	100 tests	(✓)	130-090-511
			APC	100 tests	(✓)	130-090-905
			Biotin	100 tests	(✓)	130-090-691
			pure	100 µg in 1 mL	(✓)	130-090-690
CD304 (BDCA-4/Neuropilin-1)	AD5-17F6, mouse IgG1	Detection of human plasmacytoid dendritic cells in blood and bone marrow	PE	100 tests	(✓)	130-090-533
			APC	100 tests	(✓)	130-090-900
			Biotin	100 tests	(✓)	130-090-748
			pure	100 µg in 1 mL	(✓)	130-090-693
CD309 (VEGFR-2/KDR)-Biotin, human	4, mouse IgG1	Detection of CD309 (VEGFR/KDR) on human angioblasts, endothelial progenitor cells, mature endothelial cells and a subset of hematopoietic stem cells	APC	100 tests	✓	130-093-601
			Biotin	100 tests	✓	130-093-603
CD314 (NKG2D)	BAT221, mouse IgG1	Detection of NKG2D ⁺ human cells	PE	100 tests	✓	130-092-672
			APC	100 tests	✓	130-092-673
			Biotin	100 tests	✓	130-092-825
			pure	100 µg in 1 mL	✓	130-092-686
CD326 (EpCAM)	HEA-125, mouse IgG1	Detection of normal and malignant human epithelial cells	FITC	100 tests	✓	130-080-301
			PE	100 tests	✓	130-091-253
			APC	100 tests	✓	130-091-254
CD335 (NKp46)	9E2, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) NKp46 on human NK cells	PE	100 tests	✓	130-092-607
			APC	100 tests	✓	130-092-609
			Biotin	100 tests	✓	130-093-399
			pure	100 µg in 1 mL	✓	130-092-608
CD336 (NKp44)	2.29, mouse IgG1	Detection of the natural cyto-toxicity receptor (NCR) NKp44 on activated human NK cells	PE	100 tests	✓	130-092-480
			APC	100 tests	✓	130-092-481
			Biotin	100 tests	✓	130-092-482
			pure	100 µg in 1 mL	✓	130-092-556
CD337 (NKp30)	AF29-4D12, mouse IgG1	Detection of the natural cyto-toxicity receptor (NCR) NKp30 on human NK cells	PE	100 tests	✓	130-092-483
			APC	100 tests	✓	130-092-484
			Biotin	100 tests	✓	130-092-553
			pure	100 µg in 1 mL	✓	130-092-554

Kits for cell detection and enumeration · Human

Blood Dendritic Cell Enumeration Kit	Identification and enumeration of dendritic cells and dendritic cell subsets in human whole blood and PBMCs			50 tests ²	✓	130-091-086
				100 tests ²	✓	130-091-324
CD4⁺ RTE Enumeration Kit	Identification and enumeration of CD4 ⁺ Recent Thymic Emigrants from human whole blood or PBMCs			50 tests ³	✓	130-092-055
Treg Detection Kit	Kit for flow cytometric detection of human CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells		PE	100 tests ⁴	✓	130-094-163
			APC	100 tests ⁴	✓	130-094-158

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
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Kits for cell detection and enumeration (continued)

EPC Enrichment and Enumeration Kit		Enumeration of endothelial progenitor cells based on CD34 ⁺ CD133 ⁺ CD309 (VEGFR-2/KDR) ⁺		20 tests ⁶	NEW	130-093-477
Mo-DC Differentiation Inspector		Antibody cocktail for the evaluation of the differentiation stage of monocyte-derived dendritic cells		100 tests		130-093-567

MACS Control Cocktails • Human

MC CD3 Pan T Cell Cocktail		For control staining of human T cells after separation with either CD3 MicroBeads or the Pan T Cell Isolation Kit II		50 tests	✓	130-092-881
MC CD4 T Cell Cocktail		For control staining of human T helper cells after separation with either CD4 MicroBeads or the CD4 ⁺ T Cell Isolation Kit II		50 tests	✓	130-092-914
MC CD8 T Cell Cocktail		For control staining of human cytotoxic T cells after separation with either CD8 MicroBeads or the CD8 ⁺ T Cell Isolation Kit		50 tests	✓	130-092-912
MC CD14 Monocyte Cocktail		For control staining of human monocytes after isolation with either CD14 MicroBeads or the CD14 Monocyte Isolation Kit II		50 tests	✓	130-092-859
MC CD19 B Cell Cocktail		For control staining of human B cells after isolation with either CD19 MicroBeads or the CD19		50 tests	✓	130-092-860
MC CD34 Stem Cell Cocktail		For control staining of human stem cells after isolation with either the CD34 MicroBead Kit or the Indirect CD34 MicroBead Kit		50 tests	✓	130-093-427
MC CD34/CD133 Stem Cell Cocktail		For control staining of human stem cells after isolation with the CD133 MicroBead Kit		50 tests	✓	130-092-882

Products for cytokine detection • Human

IFN-α Secretion Assay	Detection Kit	PE		100 tests ⁴		130-094-161
IFN-γ Secretion Assay	Detection Kit	FITC		100 tests ⁴		130-090-433
		PE		100 tests ⁴		130-054-202
		APC		100 tests ⁴		130-090-762
IL-2 Secretion Assay	Detection Kit	PE		100 tests ⁴		130-090-487
		APC		100 tests ⁴		130-090-763
IL-4 Secretion Assay	Detection Kit	PE		100 tests ⁴		130-054-102
IL-5 Secretion Assay	Detection Kit	PE		100 tests ⁴		130-091-623
		APC		100 tests ⁴		130-091-624
IL-10 Secretion Assay	Detection Kit	PE		100 tests ⁴		130-090-434
		APC		100 tests ⁴		130-090-761
IL-12 Secretion Assay	Detection Kit	PE		100 tests ⁴		130-092-124
IL-13 Secretion Assay	Detection Kit	PE		100 tests ⁴		130-093-479
IL-17 Secretion Assay	Detection Kit	PE		100 tests ⁴		130-094-537
		APC		100 tests ⁴		130-094-536

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Products for cytokine detection · Human (continued)						
TNF-α Secretion Assay		Detection Kit	PE	100 tests ⁴		130-091-268
			APC	100 tests ⁴		130-091-267
Anti-IFN-α	LT27:295, mouse IgG1	Intracellular staining of IFN-α producing cells	FITC	100 tests		130-092-600
			PE	100 tests		130-092-601
			APC	100 tests		130-092-602
			pure	100 µg in 1 mL		130-092-604
Anti-IFN-γ	45-15, mouse IgG1	Intracellular staining of IFN-γ producing cells	FITC	100 tests		130-091-641
			PE	100 tests		130-091-653
			APC	100 tests		130-091-640
Anti-IL-2	N7.48A, mouse IgG2a	Intracellular staining of IL-2 producing cells	PE	100 tests		130-091-646
			APC	100 tests		130-091-644
Anti-IL-4	7A3-3, mouse IgG1	Intracellular staining of IL-4 producing cells	PE	100 tests		130-091-647
Anti-IL-5	JES1-39D10, rat IgG2a	Intracellular staining of IL-5 producing cells	PE	100 tests		130-091-648
			APC	100 tests		130-091-834
Anti-IL-10	B-T10, mouse IgG2b	Intracellular staining of IL-10 producing cells	PE	100 tests		130-091-643
			APC	100 tests		130-091-642
Anti-IL-12 (p35/p70)	B-T21, mouse IgG1	Intracellular staining of IL-12 producing cells	PE	100 tests		130-093-432
			APC	100 tests		130-093-431
Anti-IL-12 (p40/p70)	8.6, mouse IgG1	Intracellular staining of IL-12 producing cells	PE	100 tests		130-092-774
			APC	100 tests		130-092-775
Anti-IL-13	JES10-5A2.2, rat IgG1	Intracellular staining of IL-13 producing cells	PE	100 tests		130-092-964
Anti-IL-17	CZ8-23G1 mouse IgG1	Intracellular staining of IL-17A producing cells	FITC	100 tests		130-094-520
			PE	100 tests		130-094-521
			APC	100 tests		130-094-519
Anti-TNF-α	cA2, human IgG1	Intracellular staining of TNF-α producing cells	FITC	100 tests		130-091-650
			PE	100 tests		130-091-651
			APC	100 tests		130-091-649
CD154/IFN-γ/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴		130-092-814
CD154/IL-2/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴		130-092-818
CD154/IL-4/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴		130-092-817
CD154/IL-5/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴		130-092-812
CD154/TNF-α/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴		130-092-813

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
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Tumor cell detection kits · Human

CD326 (EpCAM) Tumor Cell Enrichment and Detection Kit		Positive selection of human HEA (EpCAM) ⁺ epithelial tumor cells followed by immunocytochemical staining of intracellular cytokeratins		20 tests ⁵		130-090-500
ErbB-2 Tumor Cell Enrichment and Detection Kit		Positive selection of human ErbB-2 ⁺ (HER-2/neu ⁺) epithelial tumor cells followed by immunocytochemical staining of intracellular cytokeratins		20 tests ⁵		130-090-499
Carcinoma Cell Detection Kit		Detection of cytokeratin-expressing human epithelial tumor cells		100 tests ⁴		130-090-463
Carcinoma Cell Enrichment and Detection Kit – Immunocytochemistry		Positive selection and subsequent detection of human cytokeratin-expressing epithelial tumor cells		up to 60 tests ⁵		130-060-301
Melanoma Cell Enrichment and Detection Kit		Enrichment of and immunocytochemical detection of melanoma cells		20 tests ⁵		130-090-523

Isotype control antibodies

Mouse IgG1 – isotype control antibodies	IS5-21F5, mouse IgG1	Flow cytometric analysis of human cells	FITC	100 tests		130-092-213
			PE	100 tests		130-092-212
			APC	100 tests		130-092-214
			Biotin	100 tests		130-093-018
			VioBlue	100 tests	NEW	130-094-670
Mouse IgG2a – isotype control antibodies	S43.10, mouse IgG2a	Flow cytometric analysis of human cells	FITC	100 tests		130-091-837
			PE	100 tests		130-091-835
			APC	100 tests		130-091-836
			VioBlue	100 tests		130-094-671
Mouse IgG2b – isotype control antibodies	IS6-11E5.11, mouse IgG2b	Flow cytometric analysis of human cells	FITC	100 tests		130-092-216
			PE	100 tests		130-092-215
			APC	100 tests		130-092-217
			Biotin	100 tests		130-092-466
Mouse IgM – isotype control antibodies	IS5-20C4, mouse IgM	Flow cytometric analysis of human cells	FITC	100 tests		130-093-178
			PE	100 tests		130-093-177
			APC	100 tests		130-093-176
			Biotin	100 tests		130-093-175

Antibodies · Non-human primate

Anti-FoxP3	3G3, mouse IgG1	Intracellular staining of FoxP3 ⁺ human, mouse, or non-human primate cells	PE	100 tests		130-093-014
			APC	100 tests		130-093-013
Anti-Igλ Light Chain	IS7-24C7, mouse IgG1	Detection of immunoglobulins with λ light chains	FITC	100 tests	✓	130-093-040
			PE	100 tests	✓	130-093-039
			APC	100 tests	✓	130-093-038
			Biotin	100 tests	✓	130-093-025
			pure	100 µg in 1 mL	✓	130-093-024

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Non-human primate (continued)						
Anti-iNKT	6B11, mouse IgG1	Detection of human invariant NKT cells expressing the T cell receptor Va24-Ja18 combined with Vβ11.	PE	100 tests	✓	NEW 130-094-838
			APC	100 tests	✓	NEW 130-094-839
			Biotin	100 tests	✓	NEW 130-094-841
Anti-NKp80	4A4.D10, mouse IgG1	Detection of NKp80 (KLRF1), expressed on all human NK cells and a small subset of T cells.	FITC	100 tests	✓	NEW 130-094-843
			PE	100 tests	✓	NEW 130-094-844
			APC	100 tests	✓	NEW 130-094-845
			pure	100µg in 1 mL	✓	NEW 130-094-846
Anti-KIR2D	NKVFS1, mouse IgG1	Detection of KIR receptors on non-human primate NK cells	PE	100 tests	✓	130-092-688
			APC	100 tests	✓	130-092-687
			Biotin	100 tests	✓	130-092-904
			pure	100µg in 1 mL	✓	130-092-689
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	Detection of myeloid non-human primate blood dendritic cells	FITC	100 tests	(✓)	130-090-507
			PE	100 tests	✓	130-090-508
			APC	100 tests	✓	130-090-903
			Biotin	100 tests	(✓)	130-090-692
			pure	100µg in 1 mL	(✓)	130-090-695
CD2	LT2, mouse IgG2b	Detection of non-human primate T and NK cells	PE	100 tests	✓	130-091-115
CD2 – functional grade	LT2, mouse IgG2b	Functional grade antibody for T cell activation and expansion	Biotin	100µg in 1 mL		130-093-376
CD3	10D12, mouse IgG1	Detection of CD3 ⁺ non-human primate cells	PE	100 tests	(✓)	130-092-009
			APC	100 tests	(✓)	130-091-998
			Biotin	100 tests	(✓)	130-092-008
CD4	M-T466, mouse IgG1	Detection of non-human primate T helper cells	FITC	100 tests	✓	130-080-501
			PE	100 tests	✓	130-091-231
			APC	100 tests	✓	130-091-232
CD6	M-T411, mouse IgG1	Detection of CD6 ⁺ non-human primate cells	FITC	100 tests	(✓)	130-091-482
			PE	100 tests	✓	130-091-233
			APC	100 tests	✓	130-091-234
CD8	BW135/80, mouse IgG2a	Detection of CD8 ⁺ non-human primate cells	FITC	100 tests	✓	130-080-601
			PE	100 tests	✓	130-091-084
			APC	100 tests	✓	130-091-076
			VioBlue	100 tests	✓	130-094-152
CD11b	M1/70.15.11.5, rat IgG2b	Detection of CD11b ⁺ non-human primate cells	FITC	100 tests	✓	130-081-201
			PE	100 tests	✓	130-091-240
			APC	100 tests	✓	130-091-241
CD14	TÜK4, mouse IgG2a	Detection of non-human primate monocytes	FITC	100 tests	✓	130-080-701
			PE	100 tests	✓	130-091-242
			APC	100 tests	✓	130-091-243
			VioBlue	100 tests	✓	130-094-364

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Non-human primate (continued)						
CD16	VEP13, mouse IgM	Detection of CD16 ⁺ non-human primate cells	FITC	100 tests	✓	130-091-244
			PE	100 tests	✓	130-091-245
			APC	100 tests	✓	130-091-246
CD20	LT20, mouse IgG1	Detection of non-human primate B cells	FITC	100 tests	✓	130-091-108
			PE	100 tests	✓	130-091-109
			VioBlue	100 tests	✓	130-094-167
CD25	4E3, mouse IgG2b	Detection of CD25 ⁺ non-human primate cells	PE	100 tests	✓	130-091-024
			APC	100 tests	✓	130-092-858
			Biotin	100 tests	✓	130-091-235
CD27	M-T271, mouse IgG1	Detection of CD27 on non-human primate T, B, and NK cells.	FITC	100 tests	✓	130-093-184
			PE	100 tests	✓	130-093-185
			APC	100 tests	✓	130-093-186
			Biotin	100 tests	✓	130-093-196
CD28	15E8, mouse IgG1	Detection of CD28 on non-human primate leukocytes	PE	100 tests	✓	130-092-921
			APC	100 tests	✓	130-092-923
			Biotin	100 tests	✓	130-092-955
CD28 – functional grade	15E8, mouse IgG1	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL		130-093-386
			pure	100 µg in 1 mL		130-093-375
CD31	AC128, mouse IgG1	Detection of CD31 on non-human primate cells	FITC	100 tests	✓	130-092-654
			PE	100 tests	✓	130-092-653
			APC	100 tests	✓	130-092-652
CD33	AC104.3E3, mouse IgG1	Detection of non-human primate myeloid cells	PE	100 tests	✓	130-091-732
			APC	100 tests	(✓)	130-091-731
CD39	MZ18-23C8, mouse IgG1	Detection of CD39 ⁺ regulatory T cells and other CD39-expressing cells	FITC	100 tests	✓	130-093-502
			PE	100 tests	✓	130-093-503
			APC	100 tests	✓	130-093-504
			Biotin	100 tests	✓	130-093-505
			pure	100 µg in 1 mL	✓	130-093-506
CD40	HB14, mouse IgG1	Detection of CD40 on B cells, macrophages, follicular dendritic cells, and a subset of peripheral T cells	PE	100 tests	✓	130-094-135
			APC	100 tests	✓	130-094-137
			Biotin	100 tests	✓	130-094-142
CD40 – functional grade	HB14, mouse IgG1	Unconjugated antibody for blocking of CD40-CD154 interaction	pure	100 µg in 1 mL		130-094-133
CD45	MB4-6D6, mouse IgG1	Detection of non-human primate leukocytes	FITC	100 tests	✓	130-091-898
			PE	100 tests	✓	130-091-897
			APC	100 tests	✓	130-091-900
			Biotin	100 tests	✓	130-091-901
CD45RA	T6D11, mouse IgG2b	Detection of non-human primate CD45RA ⁺ cells	FITC	100 tests	✓	130-092-247
			PE	100 tests	✓	130-092-248
			APC	100 tests	✓	130-092-249

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
CD49d	MZ18-24A9, Mouse IgG2b	Detection of CD49d on non-human primate cells	FITC	100 tests	✓	130-093-283
			PE	100 tests	✓	130-093-282
			APC	100 tests	✓	130-093-281
			Biotin	100 tests	✓	130-093-280
			pure	100 µg in 1 mL	✓	130-093-279
CD56	AF12-7H3, mouse IgG1	Detection of CD56 ⁺ non-human primate cells	PE	100 tests	(✓)	130-090-755
			APC	100 tests	(✓)	130-090-843
			pure	50 µg in 1 mL	(✓)	130-090-955
CD61	Y2/51, mouse IgG1	Detection of non-human primate megakaryocytes and platelets	PE	100 tests	✓	130-081-501
CD66abce	TET2, mouse IgG2b	Detection of CD66abce expression on non-human primate granulocytes	FITC	100 tests	✓	130-093-132
			PE	100 tests	✓	130-093-133
			APC	100 tests	✓	130-093-155
			Biotin	100 tests	✓	130-093-156
CD69	FN50, mouse IgG1	Detection of CD69 ⁺ non-human primate cells	FITC	100 tests	✓	130-092-166
			PE	100 tests	✓	130-092-160
			APC	100 tests	✓	130-092-159
			Biotin	100 tests	✓	130-092-161
CD86	FM95, mouse IgG1	Detection of CD86 ⁺ monocytes, monitoring of DC maturation	FITC	100 tests	✓	NEW 130-094-878
			PE	100 tests	✓	NEW 130-094-877
				100 tests	✓	NEW 130-094-876
CD95	DX2, mouse IgG1	Detection of CD95 on non-human primate cells	FITC	100 tests	✓	130-092-415
			PE	100 tests	✓	130-092-416
			APC	100 tests	✓	130-092-417
			Biotin	100 tests	✓	130-092-418
CD127	MB15-18C9, mouse IgG2a	Detection CD127 T cells, e.g. memory CD8 T cell precursors or CD127 ⁻ regulatory T cells.	FITC	100 tests	✓	NEW 130-094-888
			PE	100 tests	✓	NEW 130-094-889
			APC	100 tests	✓	NEW 130-094-890
			Biotin	100 tests	✓	NEW 130-094-891
			pure	100 µg in 1 mL	✓	NEW 130-094-942
CD137	4B4-1, mouse IgG1	Detection of activated antigen-specific CD137 ⁺ T cells	PE	100 tests	✓	130-093-475
CD154	5C8, mouse IgG2a	Detection of activated CD4 ⁺ T cells	PE	100 tests	✓	130-092-289
			APC	100 tests	✓	130-092-290
			Biotin	100 tests	✓	130-092-690
CD226 (DNAM-1)	DX11, mouse IgG1	Detection of DNAM-1 on non-human primate cells	PE	100 tests	✓	130-092-476
			APC	100 tests	✓	130-092-477
			Biotin	100 tests	✓	130-092-478
			pure	100 µg in 1 mL	✓	130-092-479

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies · Non-human primate (continued)						
CD314 (NKG2D)	BAT221, mouse IgG1	Detection of NKG2D ⁺ non-human primate cells	PE	100 tests	✓	130-092-672
			APC	100 tests	✓	130-092-673
			Biotin	100 tests	✓	130-092-825
			pure	100 µg in 1 mL	✓	130-092-686
CD337 (NKp30)	AF29-4D12, mouse IgG1	Detection of CD337 (NKp30) on non-human primate cells	PE	100 tests	✓	130-092-483
			APC	100 tests	✓	130-092-484
			Biotin	100 tests	✓	130-092-553
			pure	100 µg in 1 mL	✓	130-092-554

Products for cytokine detection · Non-human primate

Anti-IFN-γ	45-15, mouse IgG1	Intracellular staining of IFN-γ producing cells	FITC	100 tests		130-091-641
			PE	100 tests		130-091-653
			APC	100 tests		130-091-640
Anti-IL-2	N7.48A, mouse IgG2a	Intracellular staining of IL-2 producing cells	PE	100 tests		130-091-646
			APC	100 tests		130-091-644
Anti-IL-4	7A3-3, mouse IgG1	Intracellular staining of IL-4 producing cells	PE	100 tests		130-091-647
Anti-IL-5	JES1-39D10, rat IgG2a	Intracellular staining of IL-5 producing cells	PE	100 tests		130-091-648
			APC	100 tests		130-091-834
Anti-IL-10	B-T10, mouse IgG2b	Intracellular staining of IL-10 producing cells	PE	100 tests		130-091-643
			APC	100 tests		130-091-642
Anti-IL-12 (p40/p70)	8.6, mouse IgG1	Intracellular staining of IL-12 producing cells	PE	100 tests		130-092-774
			APC	100 tests		130-092-775
Anti-IL-13	JES10-5A2.2, rat IgG1	Intracellular staining of IL-13 producing cells	PE	100 tests		130-092-964
Anti-IL-17	CZ8-23G1 mouse IgG1	Intracellular staining of IL-17A producing cells	FITC	100 tests		130-094-520
			PE	100 tests		130-094-521
			APC	100 tests		130-094-519

Antibodies · Mouse

Anti-A2B5	105-HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ⁴	✓	130-093-581
			APC	100 tests ⁴	✓	130-093-582
			Biotin	100 tests ⁴	✓	130-093-393
			pure	100 µg in 1 mL	✓	130-093-394
Anti-Dectin-2	KVα7-6E7, rat IgG2a	Staining of Dectin-2 ⁺ mouse cells, detection of mouse Dectin-2 by immunoblot analysis	FITC	100 tests		130-094-480
			pure	100 µg in 1 mL		130-094-481
Anti-FoxP3	3G3, mouse IgG1	Intracellular staining of FoxP3 ⁺ human, mouse, or non-human primate cells	PE	100 tests		130-093-014
			APC	100 tests		130-093-013
Anti-GITR	DTA-1, rat IgG2b	Detection of mouse regulatory T cells and activated T cells	PE	100 tests	✓	130-092-469
			APC	100 tests	✓	130-092-470
			pure	100 µg in 1 mL	✓	130-092-630

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Mouse (continued)						
Anti-GITR – functional grade	DTA-1, rat IgG2b	Unconjugated functional grade antibody for <i>in vivo</i> and <i>in vitro</i> functional assays	pure	100 µg in 1 mL		130-092-655
				1 mg in 0,5 mL		130-092-656
Anti-Gr-1	RB6-8C5, rat IgG2b	Detection of mouse granulocytes and plasmacytoid dendritic cells	FITC	100 tests	✓	130-091-934
			PE	100 tests	✓	130-091-932
			APC	100 tests	✓	130-091-931
			Biotin	100 tests	✓	130-091-930
			VioBlue	100 tests	✓	130-094-362
Anti-H-2Kk	H100-27.R55, mouse IgG2a	Detection of H-2Kk–positive mouse cells or evaluation of cells transfected with pMACS Kk.II	FITC	100 tests	✓	130-085-101
Anti-Ly-6C	1G7.G10, rat IgG2a	Detection of mouse plasmacytoid dendritic cells as well as monocyte and memory T cells	FITC	100 tests	✓	130-093-134
			PE	100 tests	✓	130-093-135
			APC	100 tests	✓	130-093-136
			Biotin	100 tests	✓	130-093-137
Anti-Ly-6G	1A8, rat IgG2a	Detection of mouse granulocytes	FITC	100 tests	✓	130-093-138
			PE	100 tests	✓	130-093-139
			APC	100 tests	✓	130-093-140
			Biotin	100 tests	✓	130-093-141
Anti-MHC Class II	M5/114.15.2, rat IgG2b	Detection of mouse antigen-presenting cells	FITC	100 tests	✓	130-081-601
			PE	100 tests	✓	130-091-368
			APC	100 tests	✓	130-091-806
Anti-mPDCA-1	JF05-1C2.4.1, rat IgG2b	Detection of mouse plasmacytoid dendritic cells from different tissues	FITC	100 tests	✓	130-091-961
			PE	100 tests	✓	130-091-962
			APC	100 tests	✓	130-091-963
			Biotin	100 tests	✓	130-091-964
			pure	100 µg in 1 mL	✓	130-091-979
Anti-mPDCA-1 – functional grade	JF05-1C2.4.1, rat IgG2b	<i>In vivo</i> depletion of mouse plasmacytoid dendritic cells	pure	1 mg in 0.5 mL		130-091-978
				8 mg in 4 mL		130-092-550
Anti-Prominin-1	MB9-3G8, rat IgG1	Detection of mouse prominin-1 ⁺ cells	PE	100 tests	✓	130-092-334
			APC	100 tests	✓	130-092-335
			Biotin	100 tests	✓	130-092-441
			pure	100 µg in 1 mL	✓	130-092-442
Anti-PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM ⁺ neuronal-restricted precursor human, mouse, and rat cells	PE	100 tests ⁴	✓	130-093-274
			APC	100 tests ⁴	✓	130-093-273
Anti-Ter119	Ter-119, rat IgG2b	Detection of mouse erythrocytes	FITC	100 tests	✓	130-091-786
			PE	100 tests	✓	130-091-783
			APC	100 tests	✓	130-091-788
Anti-Sca-1	D7, rat IgG2a	Detection of Sca-1 ⁺ mouse cells	FITC	100 tests	✓	130-093-222
			PE	100 tests	✓	130-093-224
			APC	100 tests	✓	130-093-223
			Biotin	100 tests	✓	130-093-421

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Mouse (continued)						
Anti-Siglec-H	551.3D3, rat IgG1	Identification and enumeration of mouse Siglec-H ⁺ PDCs	PE	100 tests	✓	NEW 130-093-508
			ACP	100 tests	✓	NEW 130-093-509
			Biotin	100 tests	✓	NEW 130-093-510
CD3ε	145-2C11, hamster IgG1	Detection of mouse T cells	FITC	100 tests	✓	130-092-962
			PE	100 tests	✓	130-092-976
			APC	100 tests	✓	130-092-977
			Biotin	100 tests	✓	130-093-021
CD3ε – functional grade	145-2C11, hamster IgG1	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL		130-093-179
			pure	500 µg in 1 mL		130-092-973
CD4	GK1.5, rat IgG2b	Detection of mouse T helper cells	FITC	100 tests	✓	130-091-608
			PE	100 tests	✓	130-091-607
			APC	100 tests	✓	130-091-611
CD8a	53-6.7, rat IgG2a	Detection of mouse cytotoxic T cells	FITC	100 tests	✓	130-091-605
			PE	100 tests	✓	130-091-603
			APC	100 tests	✓	130-091-606
			VioBlue	100 tests	✓	130-094-360
CD11b	M1/70.15.11.5, rat IgG2b	Detection of mouse and human monocytes and macrophages	FITC	100 tests	✓	130-081-201
			PE	100 tests	✓	130-091-240
			APC	100 tests	✓	130-091-241
CD11c	N418, hamster IgG	Detection of mouse dendritic cells	FITC	100 tests	✓	130-091-842
			PE	100 tests	✓	130-091-830
			APC	100 tests	✓	130-091-844
CD16/32	93, rat IgG2a	Detection of CD16 and CD32 Fc receptors on mouse cells	PE	100 tests	✓	130-092-572
			APC	100 tests	✓	130-092-573
			Biotin	100 tests	✓	130-092-570
			pure	100 µg in 1 mL	✓	130-092-574
CD19	6D5, rat IgG2a	Detection of mouse B cells	FITC	100 tests	✓	130-092-042
			PE	100 tests	✓	130-092-041
			APC	100 tests	✓	130-092-039
CD25	7D4, rat IgM	Detection of mouse regulatory T cells, and activated T and B cells	PE	100 tests	✓	130-091-013
			APC	100 tests	✓	130-093-734
			Biotin	100 tests	✓	130-092-569
CD28	37.1, hamster IgG2	Detection of CD28 on mouse leukocytes	PE	100 tests	✓	130-093-180
			Biotin	100 tests	✓	130-093-181
CD28 – functional grade	37.1, hamster IgG2	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL		130-093-183
			pure	100 µg in 1 mL		130-093-182
CD40	FGK.45.5, rat IgG2a	Detection of CD40 expression on mouse B cells, macrophages, and dendritic cells	PE	100 tests	✓	130-092-848
			APC	100 tests	✓	130-092-847
			Biotin	100 tests	✓	130-092-846
CD40 – functional grade	FGK.45.5, rat IgG2a	<i>In vivo</i> and <i>in vitro</i> stimulation of mouse CD40-expressing cells	pure	100 µg in 1 mL		130-093-022
				1 mg in 0.5 mL		130-093-023

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies - Mouse (continued)						
CD43	L11, rat IgG2a	Detection of mouse CD43 ⁺ cells and identification of CD43 ⁻ resting B cells	PE	100 tests	✓	130-091-585
			APC	100 tests	✓	130-091-581
CD45	30F11, rat IgG2b	Detection of mouse leukocytes	FITC	100 tests	✓	130-091-609
			PE	100 tests	✓	130-091-610
			APC	100 tests	✓	130-091-811
			VioBlue	100 tests	✓	130-092-910
CD45R (B220)	RA3-6B2, rat IgG2a	Detection of mouse B cells	FITC	100 tests	✓	130-091-829
			PE	100 tests	✓	130-091-828
			APC	100 tests	✓	130-091-843
			VioBlue	100 tests	✓	130-094-287
CD49b (DX5)	DX5, rat IgM	Detection of mouse NK cells	FITC	100 tests	✓	130-091-814
			PE	100 tests	✓	130-091-816
			APC	100 tests	✓	130-091-813
CD62L	MEL14-H2.100, rat IgG2a	Detection of mouse L-selectin-expressing cells	FITC	100 tests	(✓)	130-091-792
			PE	100 tests	✓	130-091-794
			APC	100 tests	✓	130-091-805
CD81	Eat2, hamster IgG1	Detection of CD81 on astrocytes, oligodendrocytes, microglia, endothelial, epithelial and hemopoietic cells	FITC	100 tests ⁴	✓	NEW 130-094-864
			PE	100 tests ⁴	✓	NEW 130-094-863
			APC	100 tests ⁴	✓	NEW 130-094-887
			Biotin	100 tests ⁴	✓	NEW 130-094-862
CD90.1	His51, mouse IgG2a	Detection of mouse and rat CD90.1 ⁺ cells	FITC	100 tests	✓	130-094-527
			PE	100 tests	✓	130-094-528
			APC	100 tests	✓	130-094-525
			Biotin	100 tests	✓	130-094-526
			VioBlue	100 tests	✓	130-094-588
			pure	100 µg in 1 mL	✓	130-094-524
CD90.2	30-H12, rat IgG2b	Detection of mouse T cells	FITC	100 tests	✓	130-091-602
			PE	100 tests	✓	130-091-601
			APC	100 tests	✓	130-091-790
			VioBlue	100 tests	✓	130-094-361
CD105	MJ7/18, rat IgG2a	Detection of CD105 ⁺ mouse cells	PE	100 tests	✓	130-092-929
			APC	100 tests	✓	130-092-930
			Biotin	100 tests	✓	130-092-927
			pure	100 µg in 1 mL	✓	130-092-926
CD117	3C1, rat IgG2b	Detection of mouse CD117 (c-kit) ⁺ stem cells	PE	100 tests	✓	130-091-730
			APC	100 tests	✓	130-091-729
CD127	A7R34, rat IgG2a	Detection of CD127 ⁺ cells, e.g. effector memory T cells.	PE	100 tests	✓	NEW 130-094-577
			Biotin	100 tests	✓	NEW 130-094-583
CD127 - functional grade	A7R34, rat IgG2a	The pure, unconjugated antibody can be used <i>in vitro</i> and <i>in vivo</i> for blocking of IL-7 binding to its receptor	pure	1 mg in 0,5 mL	NEW	130-094-828

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Antibodies · Mouse (continued)						
CD146 (LSEC)	ME-9F1, rat IgG2a	Detection of mouse liver sinusoidal endothelial cells	FITC	100 tests	✓	130-092-026
			Biotin	100 tests	✓	130-092-025
CD154	MR1, hamster IgG3	Detection of activated mouse T helper cells	PE	100 tests	✓	130-092-106
			APC	100 tests	✓	130-092-105
			Biotin	100 tests	✓	130-092-104
CD205 (DEC205)	NLDC145, rat IgG2a	Detection of mouse CD8 ⁺ conventional DCs	PE	100 tests	✓	130-092-286
			APC	100 tests	✓	130-092-285
			Biotin	100 tests	✓	130-092-468

Kits for cell detection and enumeration · Mouse

CD154 Detection Cocktail	Identification of activated, antigen-specific mouse CD4 ⁺ T cells	PE	100 tests ⁴	130-093-084
		APC	100 tests ⁴	130-093-083
Lineage Cell Detection Cocktail	Labeling of lineage ⁺ cells from mouse bone marrow	Biotin	100 tests ⁴	130-092-613
Treg Detection Kit	Kit for flow cytometric detection of mouse CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells	PE	100 tests ⁴	130-094-165
		APC	100 tests ⁴	130-094-164

MACS Control Cocktails · Mouse

MC CD4 T Cell Cocktail	Evaluation of MACS Cell Separations using the CD4 ⁺ T Cell Isolation Kit, mouse, or CD4 (L3T4) MicroBeads, mouse		50 tests	✓	130-092-916
MC CD8a T Cell Cocktail	Evaluation of MACS Cell Separations using the CD8a ⁺ T Cell Isolation Kit, mouse, or CD8a (Ly-2) MicroBeads, mouse		50 tests	✓	130-092-915
MC CD19 B Cell Cocktail	Evaluation of MACS Cell Separations using the B Cell Isolation Kit, mouse, or CD19 MicroBeads, mouse		50 tests	✓	130-092-864
MC CD90.2 T Cell Cocktail	Evaluation of MACS Cell Separations using the Pan T Cell Isolation Kit, mouse, or CD90.2 MicroBeads, mouse		50 tests	✓	130-092-862

Products for cytokine detection · Mouse

IFN-γ Secretion Assay	Detection Kit	PE	100 tests ⁴	130-090-516
		APC	100 tests ⁴	130-090-984
IL-2 Secretion Assay	Detection Kit	PE	100 tests ⁴	130-090-491
		APC	100 tests ⁴	130-090-987
IL-4 Secretion Assay	Detection Kit	PE	100 tests ⁴	130-090-479
IL-5 Secretion Assay	Detection Kit	PE	100 tests ⁴	130-091-166
		APC	100 tests ⁴	130-091-174
IL-10 Secretion Assay	Detection Kit	PE	100 tests ⁴	130-090-489
		APC	100 tests ⁴	130-090-939
IL-17 Secretion Assay	Detection Kit	PE	100 tests ⁴	130-094-205
		APC	100 tests ⁴	130-094-207
Anti-IFN-γ	AN18.17.24, rat IgG	PE	100 tests	130-092-346
		APC	100 tests	130-092-347

Product	Clone Isotype	Brief description	Conjugate	Capacity ¹ / content	MACS Control	Order no.
Products for cytokine detection · Mouse (continued)						
Anti-IL-2	JES6-5H4, rat IgG2b	Intracellular staining of IL-2 producing cells	PE	100 tests		130-092-302
			APC	100 tests		130-092-303
Anti-IL-17	TC11-18H10, rat IgG1	Intracellular staining of IL-17 producing cells	FITC	100 tests		130-094-298
			PE	100 tests		130-094-296
			APC	100 tests		130-094-294
Anti-TNF-α	MP6-XT22, rat IgG1	Intracellular staining of TNF-α producing cells	FITC	100 tests		130-092-244
			PE	100 tests		130-092-245
			APC	100 tests		130-092-246

Antibodies · Rat

Anti-A2B5	105-HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ⁴	✓	130-093-581
			APC	100 tests ⁴	✓	130-093-582
			Biotin	100 tests ⁴	✓	130-093-393
			pure	100 µg in 1mL	✓	130-093-394
Anti-PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM ⁺ neuronal- restricted precursor human, mouse, and rat cells.	PE	100 tests ⁴	✓	130-093-274
			APC	100 tests ⁴	✓	130-093-273
CD81	Eat2, hamster IgG1	Detection of CD81 on astrocytes, oligodendrocytes, microglia, endothelial, epithelial and hemopoietic cells	FITC	100 tests ⁴	✓	NEW 130-094-864
			PE	100 tests ⁴	✓	NEW 130-094-863
			APC	100 tests ⁴	✓	NEW 130-094-887
			Biotin	100 tests ⁴	✓	NEW 130-094-862
CD90.1	His51, mouse IgG2a	Detection of mouse and rat CD90.1 ⁺ cells	FITC	100 tests	✓	130-094-527
			PE	100 tests	✓	130-094-528
			APC	100 tests	✓	130-094-525
			Biotin	100 tests	✓	130-094-526
			VioBlue	100 tests	✓	130-094-588
			pure	100 µg in 1 mL	✓	130-094-524

Indirect staining/other

MACS Annexin V-FITC Kit	Detection of apoptotic, necrotic, and dead cells	FITC	up to 100 tests ⁴		130-092-052
Annexin-V	Detection of Annexin-V positive cells, e.g. apoptotic, necrotic, and dead cells	FITC	100 tests ⁴		130-093-060
		Biotin	100 tests ⁴		130-092-773
Annexin-V Binding Buffer (20x)	Stock solution		25 mL		130-092-820
Propidium Iodide Solution	Dead cell detection		2 mL		130-093-233
Fixation and Dead Cell Discrimination Kit	Flow cytometric dead cell exclusion in combination with cell fixation		100 tests		130-091-163
One-Step Antibody Biotinylation Kit	Small-scale biotinylation of antibodies for subsequent cell separation or flow cytometry		8 reactions		130-093-385

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} / content	MACS Control	Order no.
Indirect staining/other (continued)						
Anti-Biotin	Bio3-18E7, mouse IgG1	Fluorescent staining of cells labeled with biotinylated primary antibodies	FITC	100 tests		130-090-857
			PE	100 tests		130-090-756
			APC	100 tests		130-090-856
			VioBlue	100 tests		130-094-669
Anti-Biotin	Bio3-18E7, mouse IgG1	Immunohistochemical detection of biotinylated primary antibodies	Alkaline Phosphatase	1 mL		130-092-612
FASER Kits		Fluorescence amplification	FITC	100 tests		130-091-763
			PE	100 tests		130-091-764
			APC	100 tests		130-091-762
FoxP3 Staining Buffer Set		Optimized buffers for intracellular staining of cells with Anti-FoxP3 antibodies		100 tests		130-093-142
Inside Stain Kit		Fixation and permeabilization of cells for intracellular staining with small staining volumes and minimal cell loss		up to 50 tests		130-090-477
FcR Blocking Reagent, human		Blocking of Fc receptor-mediated binding to human/non-human primate cells		2 mL		130-059-901
FcR Blocking Reagent, mouse		Blocking of Fc receptor-mediated binding to mouse cells		1 mL		130-092-575
MACS Comp Reagent, human		Routine compensation of flow cytometers	PE	100 tests ⁴		130-092-671
			APC	100 tests ⁴		130-092-669
MACS Comp Reagent, mouse		Routine compensation of flow cytometers	PE	100 tests ⁴		130-092-670
			APC	100 tests ⁴		130-092-668
MACS Comp Mouse Igk Reagent		Routine compensation of flow cytometers, suited for any given fluorochrome conjugated to mouse antibodies with kappa light chains		100 tests ⁴	NEW	130-094-548
MACSQuant Calibration Beads		Routine calibration of the MACSQuant Analyzer		5 mL		130-093-607
Red Blood Cell Lysis Solution (10×)		Lysis of human or rodent erythrocytes		50 mL		130-094-183

REMARKS

- ✓ Recommended for staining of magnetically separated cell fractions.
- (✓) Not recommended for cells that are labeled with MACS[®] MicroBeads using the same antigen.

¹ One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL.

² One test corresponds to labeling of 2 × 300 µL whole blood or 2 × 10⁶ PBMCs.

³ One test corresponds to labeling of 2 × 100 µL whole blood or 2 × 10⁶ PBMCs.

⁴ One test corresponds to the analysis of 1 × 10⁶ total cells.

⁵ One test corresponds to the analysis of 5 × 10⁷ total cells.

⁶ One test corresponds to 20.5 mL whole blood, cord blood, or bone marrow or to 2 × 10⁸ white blood cells for leukapheresis product.

All products must be stored at 2–8 °C unless otherwise stated.



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