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An Affymetrix Company

Anti-Human CD11a (LFA-1alpha)

Mouse Monoclonal Antibody

For research use only; not for therapeutic or *in vitro* diagnostic use

Cat. No.	Form	Volume	Quantity
BMS102	Pure	1 ml	100 µg
BMS102BT	Biotin	1 ml	100 tests (flow cytometry)
BMS102FI	FITC	1 ml	100 tests (flow cytometry)

Clone:	R7.1
Subclass:	mouse IgG1
Purity:	> 95% IgG1 as determined by SDS-gel electrophoresis.
Presentation:	BMS102: PBS, 50% saturated $(NH_4)_2SO_4$ BMS102BT, BMS102FI : 50 mM Tris; 100 mM NaCl; 1% BSA; 0.02% NaN_3, pH 7.2 – 7.4.
Specificity:	BMS102 specifically recognizes human LFA-1α.
Applications:	Immunohistochemistry: The antibody can be used to stain acetone-fixed cryostat sections or cell smears. Recommended for BMS102 is the alkaline phosphatase-anti-alkaline-phosphatase (APAAP), or peroxidase anti-peroxidase (PAP) procedure, or the three stage immunoperoxidase technique on acetone-fixed cryostat sections. BMS102 may be used at a concentration of 5 - 20 µg/ml. Flow cytometry: BMS102 is also suitable as primary antibody in staining for FACS analysis, BMS102FI can be used for direct staining of cells, BMS102BT can be used in a 2-step procedure using the biotin-(strept)avidin system. Recommended dilution is 1:20 as determined on RPMI8866 cells (for exact concentration see vial label). Functional studies: R7.1 can be used as a neutralizing agent (10 µg/ml). **Optimal dilutions should be determined by the individual laboratory for each application.**
Cross Reactivity:	BMS102 cross reacts with rabbit.
Epitope:	The binding domain of BMS102 is not known.
Storage:	2-8°C until expiry as indicated on label. BMS102, BMS102BT: After opening aliquot contents and freeze at -20°C.
Shipping conditions:	2-8°C

+ **Europe**
eBioscience
Campus Vienna Biocenter 2
1030 Vienna, Austria
technical support: +43 (1) 796 40 40-120
customer service: +43 (1) 796 40 40-304
fax: +43 (1) 796 40 40-400

tech@ebioscience.com
europe@ebioscience.com
www.ebioscience.com

+ **USA**
eBioscience, Inc.
10255 Science Center Drive
San Diego, CA 92121
technical support: +1 (888) 810 6168
customer service: +1 (888) 999 1371
fax: +1 (858) 642 2046

tech@ebioscience.com
info@ebioscience.com
www.ebioscience.com