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Monoclonal Antibody To Mouse CD11b (Ly-40)

Non-Blocking Marker For The C3bi-Receptor

Monoclonal antibody M1/70 is useful for detecting CD11b on myeloid cells and for myeloid-endothelial cell interaction studies. It has been used for the characterisation of LFA-1 immunodeficiency.

Product Number:	T-2102 (Lot 07PO0405)
Clone:	M1/70
Host species, isotype:	Rat IgG2b
Quantity:	250µg
Format:	Affinity purified, liquid
	Supplied as 0.25ml solution. This stock solution contains 1mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 0.03% sodium azide as a preservative.
Stability:	Original vial: 6 months at 4° - 8°C.
Applications:	Has been described to work in immunohistochemistry (frozen and paraffin sections), FACS, western blotting and immune-precipitation.
	Optimal dilutions should be determined by the end user.
	Suggested positive control: Mouse spleen.
	Please see **www.bma.ch** for protocols and general information.
Immunogen:	T-cell enriched splenocytes from B10 mice.
Antigen, epitope:	The antigen is an epitope of the CD11b integrin on the α_m chain.
Antigen distribution:	**Isolated cells:** Granulocytes, monocytes: antigen expression increases with cell maturation.
Specificity:	**Mouse:** Mouse: monocytes, macrophages, granulocytes, endothelial and NK cells
	Other species: not tested.

Selected references

ROSEN,H., GORDON,S.: Monoclonal Antibody to the murine type 3 complement receptor inhibits adhesion of myelomonocytic cells in vitro and inflammatory cell experiment recruitment in vivo. J. Exp. Med.: 166, 1685 - 1701 (1987).

ROSEN,H., GORDON,S.: The role of the type 3 complement receptor in the induced recruitment of myelomonocytic cells to inflammatory sites in the mouse. Am. J. Respir. Cell Mol. Biol.: 3, 3 - 10 (1990).

LEENEN,P.J.M., WILLMER,U., FALKENBERG,F.W., JANSEN, A.M.A.C., VAN EWIJK W.: Monoclonal antibodies reactive with different stages in murine macrophage differentiation. Leucocytes and Host Defense, pp. 289 - 294 Alan R.Liss, Inc. (1986).

LEENEN,P.J.M., JANSEN,A.M.A.C., VAN EWIJK,W.: Fixation Parameters for Immunocytochemistry; The effect of glutaraldehyde or Paraformaldehyde Fixation on the Preservation of Mononuclear Phagocytic Differentiation Antigens. Techniques in Immunocytochemistry: 3, 1 -24 (1985).

WHITELAND, J.L. et al.: Immunohistochemical detection of T cell subsets and other leukocytes in paraffin-embedded rat and mouse tissues with monoclonal antibodies. J. Histochem. Cytochem. 43: 313-320 (1995).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.