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43-1012: Monoclonal Antibody to Human/Mouse CD11b NALE™ Purified (Clone: M1/70)

Clonality :	Monoclonal
Clone Name :	M1/70
Application :	FACS
Reactivity :	Human
Gene :	ITGAM
Gene ID :	3684
Uniprot ID :	P11215/P05555
Alternative Name :	CD11 antigen-like family member B, CR-3 alpha chain, Cell surface glycoprotein MAC-1 subunit alpha, Leukocyte adhesion receptor MO, Neutrophil adherence receptor, CR3A
Isotype :	Rat IgG2b, kappa

Description

The M1/70 monoclonal antibody specifically reacts with the 170 kDa AlphaM integrin chain of mouse CD11b from the Mac-1 integrin (CD11b/CD18). Mac-1 binds to C3bi, CD54 (ICAM-1), and fibrinogen, and it is expressed by granulocytes, macrophages, NK cells, myeloid-derived dendritic cells, microglia, activated lymphocytes, and mouse B-1 cells. The expression is up-regulated on activated neutrophils at the same time that L-selectin is shed from the cell surface. The M1/70 antibody is used for the detection of monocytes, granulocytes, and a subset of natural killer cells in human peripheral blood. M1/70 blocks C3bi binding and cell adherence, but not cell-mediated lysis and it cross-reacts with human CD11b.

Product Info

Amount :	100 µg
Content :	2.0 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.