

30-1625: Anti-CD11b / Mac-1 alpha Monoclonal NALE(Clone:M1/70)

Clonality :	Monoclonal
Clone Name :	M1/70
Application :	FACS
Reactivity :	Human
Gene :	ITGAM
Gene ID :	3684
Uniprot ID :	P11215
Alternative Name :	ITGAM,CD11B,CR3A
Isotype :	Rat IgG2b
Immunogen Information :	B10 mouse spleen cells enriched for T cells

Description

CD11b (integrin alphaM subunit) is a 165-170 kDa type I transmembrane glycoprotein that non-covalently associates with integrin beta2 subunit (CD18); expression of the CD11b chain on the cell surface requires the presence of the CD18 antigen. CD11b/CD18 integrin (Mac-1, CR3) is highly expressed on NK cells, neutrophils, monocytes and less on macrophages. CD11b/CD18 integrin is implicated in various adhesive interactions of monocytes, macrophages and granulocytes, facilitating their diapedesis, as well as it mediates the uptake of complement coated particles, serving as a receptor for the iC3b fragment of the third complement component.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-G affinity chromatography followed by size-exclusion chromatography.
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 1 µg/ml

Immunoprecipitation Immunohistochemistry (frozen sections) Functional Application In vitro blocking of CD11b