

30-1021: Anti-CD11b / Mac-1 alpha Monoclonal Antibody (Clone:MEM-170)-Azide free

Clonality :	Monoclonal
Clone Name :	MEM-170
Application :	FACS, Functional Assay
Reactivity :	Human
Gene :	ITGAM
Gene ID :	3684
Uniprot ID :	P11215
Format :	Azide free
Alternative Name :	ITGAM,CD11B,CR3A
Isotype :	Mouse IgG1
Immunogen Information :	Human granulocytes

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-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 1 Åµg/ml

Functional Application The antibody MEM-170 blocks (not completely) Mac-1-mediated neutrophil binding to fibrinogen.