

30-1838: Anti-CD11b / Mac-1 alpha Monoclonal Antibody (Clone:MEM-174)-Biotin Conjugated

Clonality :	Monoclonal
Clone Name :	MEM-174
Application :	FACS, IP
Reactivity :	Human
Conjugate :	Biotin
Gene :	ITGAM
Gene ID :	3684
Uniprot ID :	P11215
Alternative Name :	ITGAM,CD11B,CR3A
Isotype :	Mouse IgG2a
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
Storage condition :	Store at 2-8°C. Do not freeze.

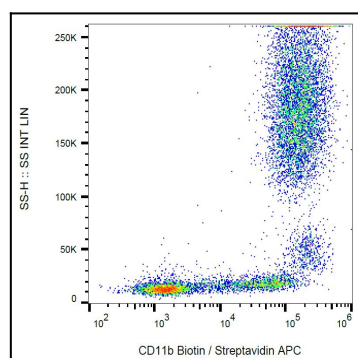


Figure 1: Surface staining of human peripheral blood with anti-human CD11b (MEM-174) biotin, streptavidin-APC.