

30-1761: Anti-CD11b / Mac-1 alpha Monoclonal Antibody (Clone:M1/70)-APC Conjugated

Clonality :	Monoclonal
Clone Name :	M1/70
Application :	FACS
Reactivity :	Human
Conjugate :	APC
Gene :	Itgam
Uniprot ID :	P05555
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
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

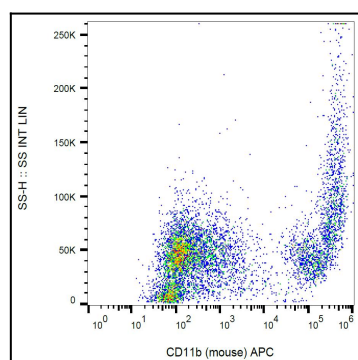


Figure 1: Surface staining of CD11b in murine peritoneal fluid with anti-CD11b (M1/70) APC.