

For Research Use Only

Anti-Mouse CD11b (M1/70)

Catalog Number: 65055-1-Ig **2 Publications**



Basic Information

Catalog Number: 65055-1-Ig	GenBank Accession Number: BC156991	Purification Method: Protein G purification
Concentration: 500ug, 500 ug/ml	GeneID (NCBI): 16409	CloneNo.: M1/70
Source: Rat	UNIPROT ID: E9Q604	
Isotype: IgG2b, kappa	Full Name: integrin alpha M	
	Calculated MW: 127 kDa	

Applications

Tested Applications:
FC

Cited Applications:
IF, FC

Species Specificity:
human, mouse

Cited Species:
mouse

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α / β heterodimer with CD18 (integrin β 2). CD11b/CD18 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PMID: 9558116; 20008295). CD11b/CD18 is a receptor for the complement protein fragment iC3b, and is also a receptor for fibrinogen, factor X and ICAM1 (PMID: 2971974; 15485828).

Notable Publications

Author	Pubmed ID	Journal	Application
Wenxuan Xu	36134371	Nanoscale Adv	FC
Yibo Xu	38158110	Eur J Pharmacol	IF

Storage

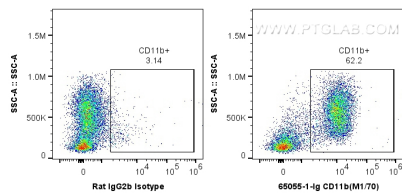
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:
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Selected Validation Data



1X10⁶ mouse bone marrow cells were surface stained with 0.2 ug Anti-Mouse CD11b (65055-1-Ig, Clone: M1/70) or 0.2 ug Isotype Control. Cells were not fixed.