

For Research Use Only

Atlantic Blue Anti-Human CD11b (ICRF44)

Catalog Number: PB-65116



Basic Information

Catalog Number: PB-65116	GenBank Accession Number: BC096346	Purification Method: Affinity purification
Concentration: 100tests, 5 μ l/test	GeneID (NCBI): 3684	CloneNo.: ICRF44
Source: Mouse	ENSEMBL Gene ID: ENSG00000169896	Recommended Dilutions: FC:
Isotype: IgG1	UNIPROT ID: P11215	Excitation/Emission maxima wavelengths: 401 nm / 452 nm
	Full Name: integrin, alpha M (complement component 3 receptor 3 subunit)	
	Calculated MW: 1152 aa, 127 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
Species Specificity: Human	

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).

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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Selected Validation Data