

For Research Use Only

Anti-Human CD11b (ICRF44)

Catalog Number: 65116-1-Ig **2 Publications**



Basic Information

Catalog Number: 65116-1-Ig	GenBank Accession Number: BC096346	Purification Method: Affinity purification
Size: 500ug, 0.5 mg/ml	GeneID (NCBI): 3684	CloneNo.: ICRF44
Source: Mouse	Full Name: integrin, alpha M (complement component 3 receptor 3 subunit)	
Isotype: IgG1, kappa	Calculated MW: 1152 aa, 127 kDa	

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Human

Cited Species:
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).

Notable Publications

Author	Pubmed ID	Journal	Application
Hao Lei	36173787	J Med Chem	FC
Bin Qi	33363140	Front Cell Dev Biol	FC

Storage

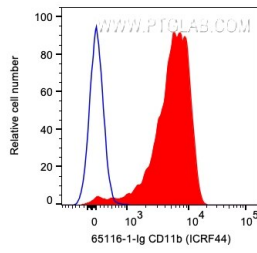
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

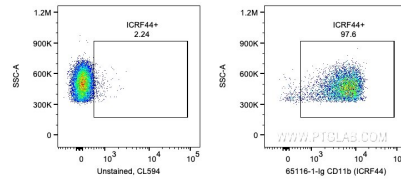
For technical support and original validation data for this product please contact:
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Selected Validation Data



1X10⁶ human PBMCs were surface stained with 0.5 ug Anti-Human CD11b (65116-1-Ig, Clone:ICRF44) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red) or unstained. Cells were not fixed. Monocytes were gated.



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