

For Research Use Only



CoraLite® Plus 647 Anti-Human CD11c (3.9) Mouse IgG1 Recombinant Antibody

Catalog Number: **CL647-65511**

Basic Information

Catalog Number: CL647-65511	GenBank Accession Number: BC038237	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 3687	CloneNo.: 3.9
Source: Mouse	ENSEMBL Gene ID: ENSG00000140678	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1	Full Name: integrin, alpha X (complement component 3 receptor 4 subunit)	
	Calculated MW: 1169 aa, 129 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11c, also known as integrin αX , is a type I transmembrane glycoprotein present on a variety of cells, including monocytes/macrophages, granulocytes, a subset of B cells, NK cells and dendritic cells (PMID: 2897326; 1680915; 1694698; 17389580). As a result of its high level of expression on most dendritic cells, CD11c is typically considered to be a marker of conventional dendritic cells (PMID: 27119555). CD11c forms an α/β heterodimer with CD18 (integrin $\beta 2$). CD11c/CD18 acts a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis (PMID: 1671533).

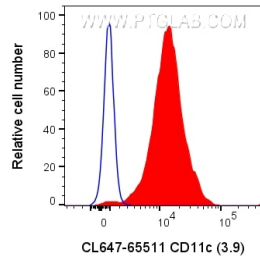
Storage

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.

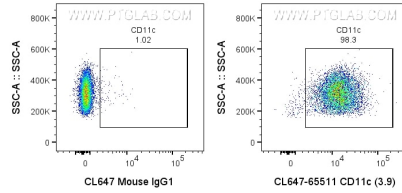
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD11c Mouse Recombinant Antibody (CL647-65511, Clone:3.9) or CoraLite® Plus 647 Mouse IgG1 Isotype Control (CL647-65124, Clone: MOPC-21). Cells were not fixed. Cells were treated with FC Receptor Block prior to staining. Monocytes were gated.



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