

For Research Use Only

CoraLite® Plus 555 Anti-Human CD11c (3.9)



Catalog Number: CL555-65086

Basic Information

Catalog Number: CL555-65086	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: 554 nm / 570 nm
Isotype: IgG1, kappa	UNIPROT ID: P20702	
	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 α X, 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 β 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:

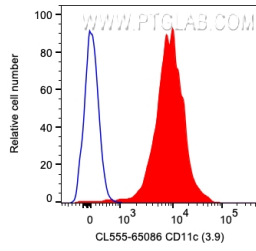
T: 4006900926

E: Proteintech-CN@ptglab.com

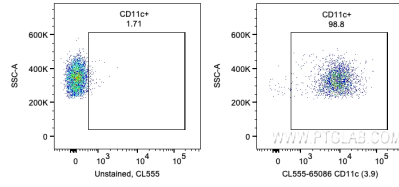
W: ptgcn.com

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Selected Validation Data



1X10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 555 Anti-Human CD11c (CL555-65086, Clone:3.9) (red) or unstained. Cells were not fixed. Monocytes were gated.



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