

For Research Use Only

CoraLite® Plus 647 Anti-Human CD11c (BU15)



Catalog Number: CL647-65196

Basic Information

Catalog Number: CL647-65196	GenBank Accession Number: BC038237	Purification Method: Protein G purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 3687	CloneNo.: BU15
Source: Mouse	Full Name: integrin, alpha X (complement component 3 receptor 4 subunit)	Excitation/Emission maxima wavelengths: 650 nm / 665 nm
Isotype: IgG1, kappa	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

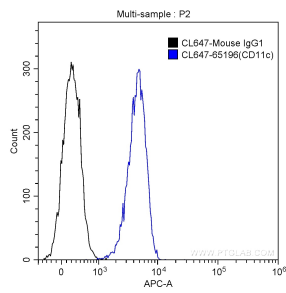
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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 peripheral blood granulocytes were surface stained with 5 ul CoraLite® Plus 647-conjugated Anti-Human CD11c (CL647-65196, Clone: BU15) (blue), or isotype control antibody (black). Cells were not fixed.