

For Research Use Only

CoraLite® Plus 647 Anti-Human CD11c (3.9)



Catalog Number: CL647-65086

Basic Information

Catalog Number:

CL647-65086

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC038237

GeneID (NCBI):

3687

ENSEMBL Gene ID:

ENSG00000140678

UNIPROT ID:

P20702

Full Name:

integrin, alpha X (complement component 3 receptor 4 subunit)

Calculated MW:

1169 aa, 129 kDa

Purification Method:

Affinity purification

CloneNo.:

3.9

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

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:

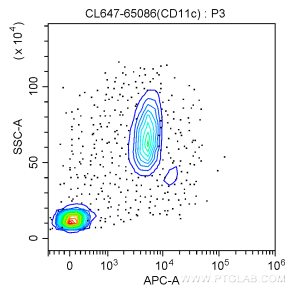
T: 4006900926

E: Proteintech-CN@ptglab.com

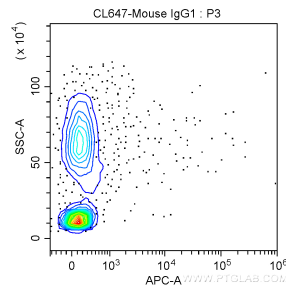
W: ptgcn.com

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

Selected Validation Data



100 ul human peripheral blood were surface stained with 5.00 ul CoraLite® Plus 647-conjugated Anti-Human CD11c (CL647-65086, Clone:3.9) and then treated with red blood cell lysis buffer. Cells were not fixed.



100 ul human peripheral blood were surface stained with CoraLite® Plus 647-conjugated Mouse IgG1 isotype control and then treated with red blood cell lysis buffer. Cells were not fixed.