For Research Use Only

CoraLite® Plus 647 Anti-Human CD11c (BU15)

Catalog Number:CL647-65196

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL647-65196

Size:
100tests, 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:
Protein G purification

CloneNo.:
BU15

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

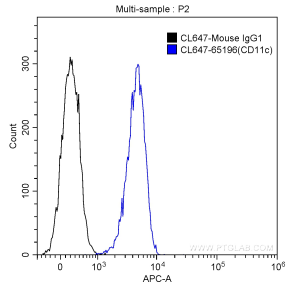
Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11c, also known as integrin αX, is a type I transmembrane glycoprotein present on a variety of cells, including monocytes/macrophages, granulocytes, a subset of B cells, 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 β2). 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

Selected Validation Data



1X10^6 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.