For Research Use Only

Anti-Human CD11c (BU15)

Catalog Number:65196-1-Ig

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
65196-1-Ig

Concentration:
100ug, 500 μg/ml

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 A purification

CloneNo.:
BU15

Recommended Dilutions:
FC: 0.2 ug per 10^6 cells in 100 μl suspension

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human PBMCs,

Background Information

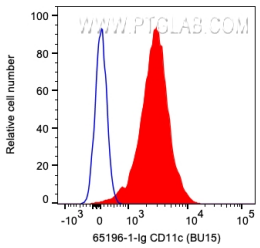
Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11c, also known as integrin α X, is a type I transmembrane glycoprotein present on a variety of cells, including monocytes/macrophages, granulocytes, a subset of B cells, 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 as a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis (PMID: 1671533).

Storage

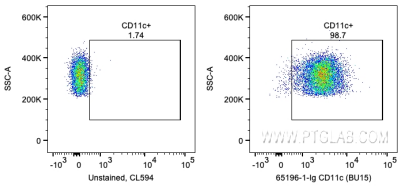
Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

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 PBMCs were surface stained with 0.2 ug Anti-Human CD11c (65196-1-Ig, Clone:BU15) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red) or unstained. Cells were not fixed. Monocytes were gated.



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