

For Research Use Only

Anti-Human CD11c (3.9) Mouse IgG1 Recombinant Antibody, PBS Only

Catalog Number: 65511-1-PBS



Basic Information

Catalog Number:

65511-1-PBS

Size:

1mg, 2 mg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC038237

GeneID (NCBI):

3687

ENSEMBL Gene ID:

ENSG00000140678

Full Name:

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

Calculated MW:

1169 aa, 129 kDa

Purification Method:

Affinity purification

CloneNo.:

3.9

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 $\beta 2$). CD11c/CD18 acts as a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis (PMID: 1671533).

Storage

Storage:

Store at -80°C . Stable for one year after shipment.

Storage Buffer:

PBS only

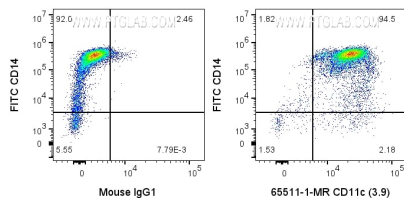
For technical support and original validation data for this product please contact:

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.

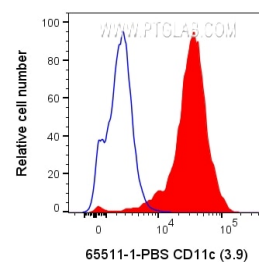
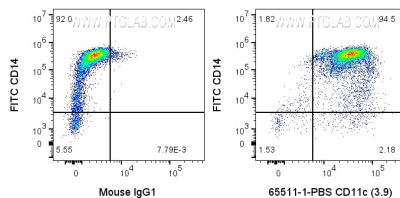
Selected Validation Data



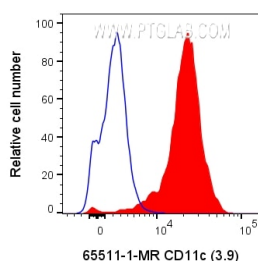
1x10⁶ human PBMCs were surface stained with 0.4 ug Anti-Human CD11c Mouse Recombinant Antibody (65511-1-MR, Clone:3.9) or Mouse IgG1 Isotype Control, and CoraLite®647-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were then stained with FITC-conjugated Anti-Human CD14. Cells were not fixed. Cells were treated with FC Receptor Block prior to staining. Monocytes were gated. This data was developed using



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