

For Research Use Only

FcZero-rAb™ PE Anti-Human CD11c (BU15) Rabbit IgG Recombinant Antibody

Catalog Number: PE-FcA65600



Basic Information

Catalog Number:

PE-FcA65600

Size:

100tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

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: 5 ul per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

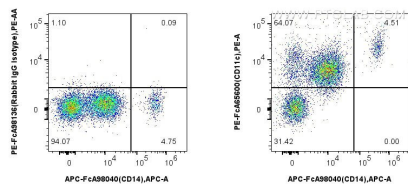
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

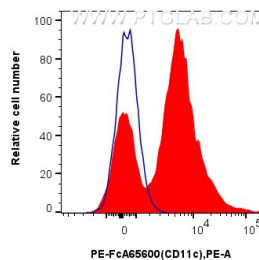
E: proteintech@ptglab.com
W: ptglab.com

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 leukocytes were surface stained with 5 ul PE Anti-Human CD11c (BU15) Rabbit IgG RecAb (PE-FcA65600, Clone: BU15) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9), and 5 ul FcZero-rAb™ APC Anti-Human CD14 Rabbit Recombinant Antibody (APC-FcA98040, Clone: 230332D7). Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were surface stained with 5 ul PE Anti-Human CD11c (BU15) Rabbit IgG RecAb (PE-FcA65600, Clone: BU15) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.