

For Research Use Only

# FcZero-rAb™ PE Anti-Human CD11c (3.9) Rabbit IgG Recombinant Antibody

Catalog Number: PE-FcA65568



## Basic Information

Catalog Number:

PE-FcA65568

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

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:

Protein A purification

CloneNo.:

3.9

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated  $\alpha$  and  $\beta$  subunits (PMID: 9779984). CD11c, also known as integrin  $\alpha$  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  $\alpha$  /  $\beta$  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 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.

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

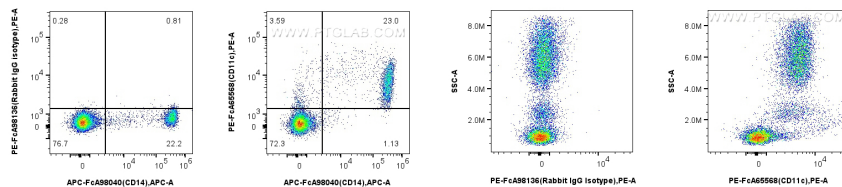
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with APC Anti-Human CD14 and 5 ul PE Anti-Human CD11c (3.9) Rabbit IgG Recombinant Antibody (PE-FcA65568, Clone:3.9) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 5 ul PE Anti-Human CD11c (3.9) Rabbit IgG RecAb (PE-FcA65568, Clone:3.9), or 5 ul PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9). Cells were not fixed.