

APC Anti-Human CD11c (3.9)

Catalog Number: **APC-65086**

Basic Information

Catalog Number:

APC-65086

Size:

100 tests, 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:

Affinity purification

CloneNo.:

3.9

**Excitation/Emission maxima
wavelengths:**

650 nm / 660 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 $\beta 2$). 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:

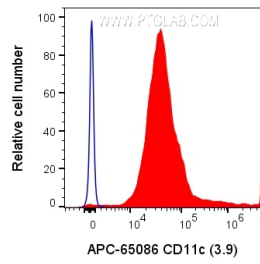
PBS with 0.09% sodium azide and 0.5% BSA.

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

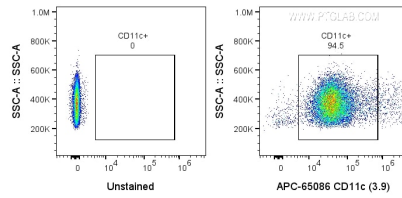
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.com
W: ptglab.com

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Group brand and is not available to purchase from any
other manufacturer.

Selected Validation Data



1X10⁶ human PBMCs were surface stained with 5 ul APC Anti-Human CD11c (APC-65086, Clone:3.9) (red) or unstained (blue). Cells were not fixed. Monocytes were gated.



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