

For Research Use Only

# PE Anti-Mouse CD11c (N418)

Catalog Number: PE-65130

4 Publications



## Basic Information

Catalog Number:

PE-65130

Size:

100ug, 0.2 mg/ml

Source:

Armenian Hamster

Isotype:

IgG

GenBank Accession Number:

BC167225

GeneID (NCBI):

16411

UNIPROT ID:

Q9QXH4

Full Name:

integrin alpha X

Purification Method:

Affinity purification

CloneNo.:

N418

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

Mouse

Cited Species:

mouse

## 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 a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis (PMID: 1671533).

## Notable Publications

Author	Pubmed ID	Journal	Application
Weixin Zhou	39396657	Int J Pharm	FC
Hongping Wan	38888501	Adv Healthc Mater	FC
Kai Deng	38852736	Int J Biol Macromol	FC

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA.

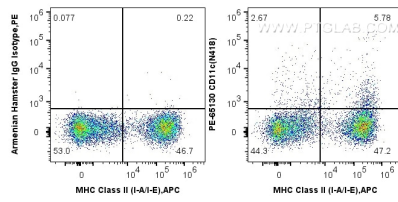
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.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> mouse splenocytes were surface co-stained with APC Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) and 0.25 ug PE Anti-Mouse CD11c (PE-65130, Clone: N418) or 0.25 ug PE Armenian Hamster IgG Isotype Control. Cells were not fixed.