

For Research Use Only

Anti-Mouse CD11c Rabbit Recombinant Antibody

Catalog Number: 98671-2-RR



Basic Information

Catalog Number:

98671-2-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC167225

GeneID (NCBI):

16411

UNIPROT ID:

Q9QXH4

Full Name:

integrin alpha X

Purification Method:

Protein A purification

CloneNo.:

N418

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse BMDC,

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

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

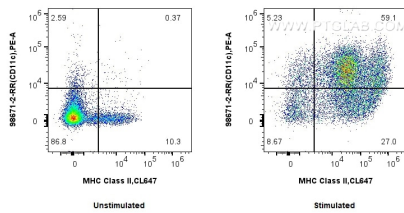
For technical support and original validation data for this product please contact:

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

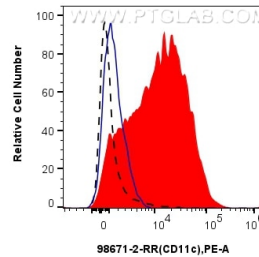
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ mouse bone marrow cells (left) or mouse BMDC (right) were surface stained with 0.25 ug Anti-Mouse CD11c Rabbit RecAb (98671-2-RR, Clone: N418) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) Rat Recombinant Antibody (CL647-65663, Clone: M5/114.15.2). Cells were not fixed.



1x10⁶ mouse BMDC were surface stained with 0.25 ug Anti-Mouse CD11c Rabbit RecAb (98671-2-RR, Clone: N418) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD11c Rabbit RecAb (98671-2-RR, Clone: N418) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (black, dashed). Cells were

