

For Research Use Only

Anti-Mouse CD11c (N418), PBS Only

Catalog Number: 65130-1-PBS



Basic Information

Catalog Number:

65130-1-PBS

Concentration:

100ug, 1 mg/ml

Source:

Armenian Hamster

Isotype:

IgG

GenBank Accession Number:

BC167225

GeneID (NCBI):

16411

UNIPROT ID:

Q9QXH4

Full Name:

integrin alpha X

Purification Method:

Protein G purification

CloneNo.:

N418

Applications

Tested Applications:

FC

Species Specificity:

mouse

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

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only, pH7.3

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

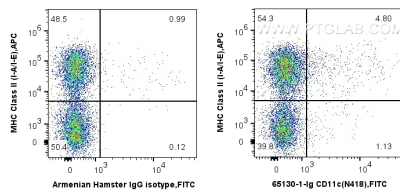
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface co-stained with APC Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) and 0.5 ug Anti-Mouse CD11c (65130-1-Ig, Clone:N418) and FITC anti-Armenian Hamster IgG Antibody at dilution 1:100, or 0.5 ug Armenian Hamster IgG Isotype Control (PIP) and FITC anti-Armenian Hamster IgG Antibody at dilution 1:100. Cells were not fixed. This data was developed using the same antibody clone with 65130-1-PBS in a

