

For Research Use Only

Anti-Mouse CD11c (N418)

Catalog Number: 65130-1-Ig



Basic Information

Catalog Number: 65130-1-Ig	GenBank Accession Number: BC167225	Purification Method: Protein A purification
Size: 500ug, 0.5 mg/ml	GeneID (NCBI): 16411	CloneNo.: N418
Source: Armenian Hamster	UNIPROT ID: Q9QXH4	
Isotype: IgG	Full Name: integrin alpha X	

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 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.

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

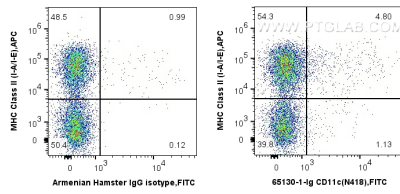
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Selected Validation Data



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.