

For Research Use Only

Anti-Mouse CD11c (N418) Armenian Hamster IgG2a Recombinant Antibody

Catalog Number: 65602-2-AR



Basic Information

Catalog Number:	65602-2-AR	GenBank Accession Number:	BC167225	Purification Method:	Protein A purification
Size:	100ug, 1000 µg/ml	GenID (NCBI):	16411	CloneNo.:	N418
Source:	Armenian Hamster	Full Name:	integrin alpha X	Recommended Dilutions:	FC: 0.5 µg per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG2a				

Applications

Tested Applications:	Positive Controls:
FC	FC : mouse splenocytes,
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).

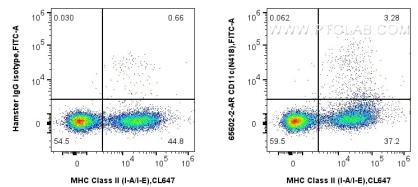
Storage

Storage:
Store at 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
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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD11c (N418) Hamster IgG2a RecAb (65602-2-AR, Clone: N418) or Hamster IgG Isotype Control (PIP) (65210-1-Ig, Clone: PIP), and FITC-conjugated Anti-Armenian Hamster IgG antibody. Cells were then stained with CoraLite® Plus 647 Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) (CL647-65122, Clone: M5/114.15.2). Cells were not fixed.