

For Research Use Only

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

Catalog Number:**FITC-65602-2**



Basic Information

Catalog Number:	FITC-65602-2	GenBank Accession Number:	BC167225	Purification Method:	Protein G purification
Size:	100ug , 500 ug/ml	GenID (NCBI):	16411	CloneNo.:	N418
Source:	Armenian Hamster	Full Name:	integrin alpha X	Recommended Dilutions:	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG2a			Excitation/Emission maxima wavelengths:	495 nm / 524 nm

Applications

Tested Applications:	FC	Positive Controls:
Species Specificity:	mouse	FC : mouse splenocytes,

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).

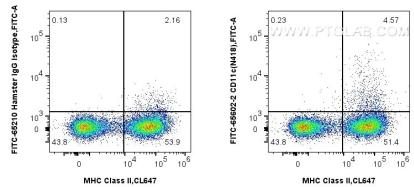
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. 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

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with CoraLite® Plus 647 Anti-Mouse MHC Class II (I-A/I-E), and 0.25 ug FITC Plus Anti-Mouse CD11c (N418) Armenian Hamster IgG2a RecAb (FITC-65602-2, Clone: N418) or FITC Plus Armenian Hamster IgG Isotype Control (PIP) (FITC-65210, Clone: PIP). Cells were not fixed.