

For Research Use Only

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

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



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
FITC-65602-2	BC167225	Protein G purification
Concentration:	GenID (NCBI):	CloneNo.:
1000ug, 500 ug/ml	16411	N418
Source:	Full Name:	Recommended Dilutions:
Armenian Hamster	integrin alpha X	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:		Excitation/Emission maxima wavelengths:
IgG2a		495 nm / 524 nm

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. 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:

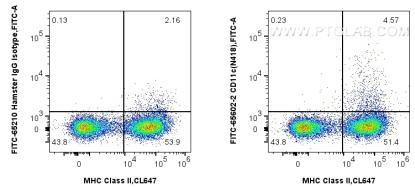
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ 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.