

For Research Use Only

FITC Plus Anti-Mouse CD11c (N418)

Catalog Number: FITC-65130

3 Publications



Basic Information

Catalog Number: FITC-65130	GenBank Accession Number: BC167225	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 16411	CloneNo.: N418
Source: Armenian Hamster	Full Name: integrin alpha X	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG		

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Mouse

Cited Species:
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).

Notable Publications

Author	Pubmed ID	Journal	Application
Lian Zhu	36321642	J Mater Chem B	FC
Zhuo Cheng	37544392	Acta Biomater	FC
Wan-Ru Zhuang	36966130	Nat Commun	FC

Storage

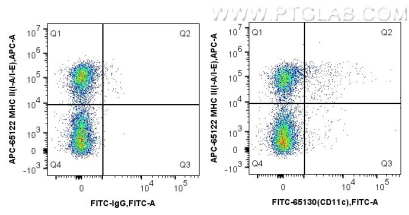
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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

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 APC Anti-Mouse MHC Class II (I-A/I-E) (APC-65122, Clone: M5/114.15.2) and 0.25 ug FITC Plus Anti-Mouse CD11c (FITC-65130, Clone: N418) or 0.25 ug FITC Plus Hamster IgG isotype control. Cells were not fixed.