

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD11c (N418)



Catalog Number: **CL488-65130**

Basic Information

Catalog Number: CL488-65130	GenBank Accession Number: BC167225	Purification Method: Affinity purification
Size: 100ug , 0.5 mg/ml	GeneID (NCBI): 16411	CloneNo.: N418
Source: Armenian Hamster	UNIPROT ID: Q9QXH4	Recommended Dilutions: IF/ICC 1:200-1:800
Isotype: IgG	Full Name: integrin alpha X	Excitation/Emission maxima wavelengths: 493 nm / 522 nm

Applications

Tested Applications: IF, FC	Positive Controls: IF/ICC : 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 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).

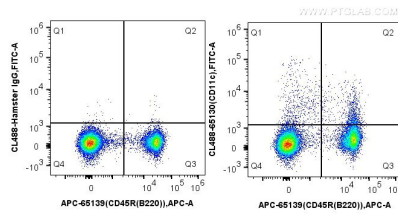
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

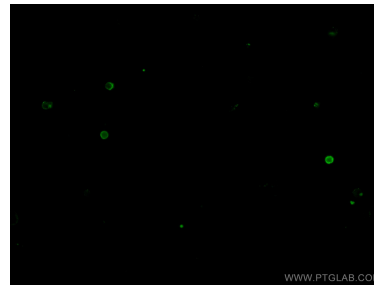
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 co-stained with APC Anti-Mouse CD45R (B220) (RA3-6B2) and 0.25 ug CoraLite® Plus 488 Anti-Mouse CD11c (CL488-65130, Clone: N418) or 0.25 ug isotype control. Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 488 CD11c antibody (CL488-65130, Clone: N418) at dilution of 1:400.