

For Research Use Only

# CoraLite® Plus 405 Anti-Mouse CD11c (N418)



Catalog Number: **CL405-65130**

## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL405-65130	BC167225	Affinity purification
Size:	GeneID (NCBI):	CloneNo.:
100ug, 0.5 mg/ml	16411	N418
Source:	UNIPROT ID:	Excitation/Emission maxima
Armenian Hamster	Q9QXH4	wavelengths:
Isotype:	Full Name:	399 nm / 422 nm
IgG	integrin alpha X	

## Applications

Tested Applications:  
FC

Species Specificity:  
Mouse

## Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated  $\alpha$  and  $\beta$  subunits (PMID: 9779984). CD11c, also known as integrin  $\alpha$  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  $\alpha$  /  $\beta$  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 0.09% sodium azide.

For technical support and original validation data for this product please contact:

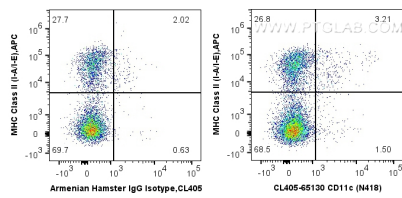
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface co-stained with APC Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) and 0.5 ug CoraLite® Plus 405 Anti-Mouse CD11c (CL405-65130, Clone:N418) or 0.5 ug Isotype Control. Cells were not fixed.