

For Research Use Only

Atlantic Blue™ Anti-Mouse CD11c (N418)



Catalog Number: AB-65130

Basic Information

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|------------------------------------|--|---|
| Catalog Number: AB-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: 404 nm / 458 nm |
| Isotype: IgG | | |

Applications

Tested Applications:
FC

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

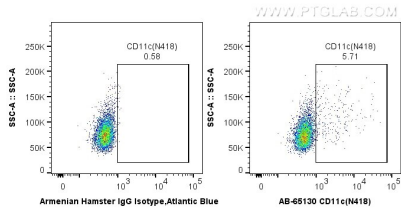
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% 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 0.5 ug Atlantic Blue™ Anti-Mouse CD11c (AB-65130, Clone: N418) or 0.5 ug Control Antibody. Cells were not fixed.