

For Research Use Only

APC Anti-Mouse CD11c (N418)

Catalog Number: APC-65130

4 Publications



Basic Information

Catalog Number: APC-65130	GenBank Accession Number: BC167225	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 16411	CloneNo.: N418
Source: Armenian Hamster	Full Name: integrin alpha X	Excitation/Emission maxima wavelengths: 650 nm / 660 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
Xiaojin Chen	36297436	Pharmaceutics	FC
Dingyi Wang	35236203	Drug Deliv	FC
Xudong Fan	36382303	Asian J Pharm Sci	FC

Storage

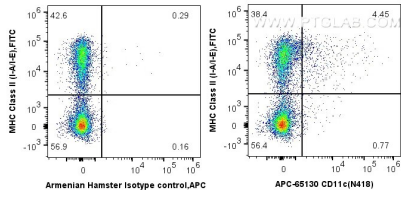
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

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Selected Validation Data



1X10⁶ mouse splenocytes were surface co-stained with FITC Anti-Mouse MHC Class II (I-A/I-E) and 0.2 ug APC Anti-Mouse CD11c (APC-65130, Clone: N418) or 0.2 ug Isotype Control. Cells were not fixed.