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ARG67388
anti-CD11c antibody [N418] (APC)

Package: 100 µl
Store at: -20°C

Summary

Product Description	Hamster Monoclonal antibody [N418] recognizes CD11c
Tested Reactivity	Ms
Tested Application	FACS
Host	Hamster
Clonality	Monoclonal
Clone	N418
Isotype	IgG
Target Name	CD11c
Species	Mouse
Immunogen	Mouse spleen dendritic cells
Conjugation	APC
Alternate Names	CD antigen CD11c; Leu M5; CD11C; SLEB6; Integrin alpha-X; Leukocyte adhesion glycoprotein p150,95 alpha chain; Leukocyte adhesion receptor p150,95; CD11 antigen-like family member C

Application Instructions

Application table

Application	Dilution
FACS	Assay-dependent

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

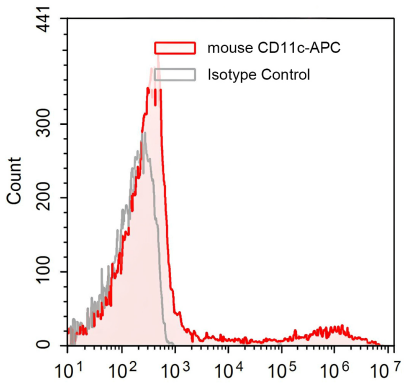
Properties

Form	Liquid
Purification	Affinity purification with immunogen
Buffer	PBS, 0.02% Sodium azide, and 0.2% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.2% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ITGAX
Gene Full Name	integrin, alpha X (complement component 3 receptor 4 subunit)
Background	This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]
Function	Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis. [UniProt]

Images



ARG67388 anti-CD11c antibody [N418] (APC) FACS image

Flow Cytometry: C57BL/6 stained with ARG67388 anti-CD11c antibody [N418] (APC).