

ARG46737 anti-CD11c antibody [N418] (Violet 450)

Package: 100 assay
Store at: 4°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	Violet 450
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.	

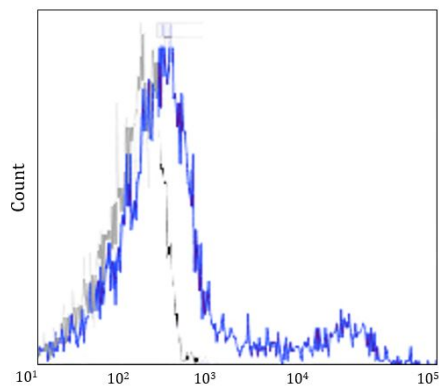
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS, 0.02% sodium azide, and 0.2% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.2% BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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]
Calculated Mw	128 kDa

Images



AARG46737 anti-CD11c antibody [N418] (Violet 450) FACS image

Flow Cytometry: C57BL/6J stained with ARG46737 anti-CD11c antibody [N418] (Violet 450).