ARG21323
anti-CD11c antibody [3.9] (FITC)

Package: 50 tests
Store at: 4°C

Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [3.9] recognizes CD11c
Tested Reactivity	Hu, R. Mk
Tested Application	BL, FACS, IHC-Fr
Specificity	Human/Rhesus/Cynomolgus CD11c.
Host	Mouse
Clonality	Monoclonal
Clone	3.9
Isotype	IgG1, kappa
Target Name	CD11c
Species	Human
Immunogen	Rheumatoid synovial cells and human monocytes
Conjugation	FITC
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
BL	Assay-dependent
FACS	10 µl/10^6 cells
IHC-Fr	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
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
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

Database links	GeneID: 3687 Human Swiss-port # P20702 Human
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