

## ARG21325 anti-CD11c antibody [3.9] (PE)

Package: 50 tests

Store at: 4°C

### Summary

Product Description	PE-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	PE
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 <sup>6</sup> 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, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
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]

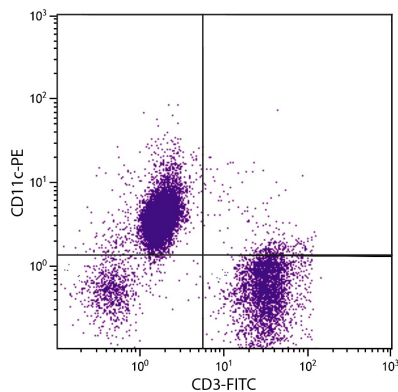
### Function

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

## Images



ARG21325 anti-CD11c antibody [3.9] (PE) FACS image

Flow Cytometry: Human lymphocytes, monocytes, and granulocytes stained with ARG21325 anti-CD11c antibody [3.9] (PE) and anti-CD3 antibody [UCHT1] (FITC).