

Datasheet for ABIN1449276

anti-CD11c antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	CD11c (ITGAX)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD11c antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Murine DC from C57BL/6 mice
Clone:	223H7
Isotype:	IgG2a
Specificity:	This antibody reacts with mouse CD11c.
Purification:	Protein G agarose

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	CD11c (ITGAX Products)
Background:	The CD11c (alpha X integrin, ~150 kDa) glycoprotein non-covalently associates with CD18 (beta2 integrin, ~95 kDa) to form the heterodimeric complement receptor type 4 (CR4), which is

Target Details

involved in monocyte/granulocyte adhesion during inflammatory responses. The CD11c/CD18 receptor binds to CD54, iC3b and fibrinogen and plays a role in leukocyte adhesive interactions. CD11c/CD18 is also implicated in B cell proliferation and mediates B cell binding to fibrinogen. CD11c is commonly used as a marker for dendritic cells, but it is also expressed on macrophages, monocytes, granulocytes, NK cells, activated T and B lymphocytes and microglia. Synonyms: CD11 antigen-like family member C, ITGAX, Integrin alpha-X, Leu M5, Leukocyte adhesion glycoprotein p150 95 alpha chain, Leukocyte adhesion receptor p150 95

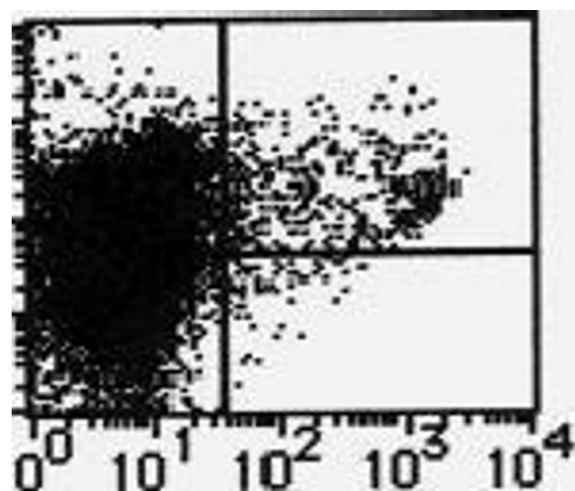
Gene ID:	16411
NCBI Accession:	NP_067309
UniProt:	Q9QXH4
Pathways:	Complement System , Activated T Cell Proliferation , Integrin Complex

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

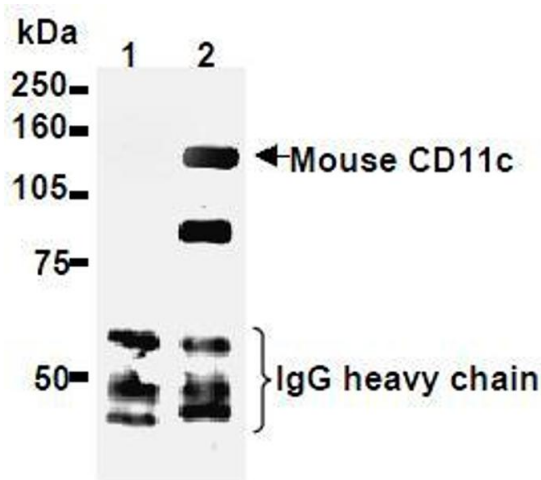
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Upon receipt, store (in aliquots) at -20 °C.



Flow Cytometry

Image 1.



Western Blotting

Image 2.