

CD11c Recombinant Rabbit mAb

Catalog # AP97039

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9QXH4
Other Accession	Q9QXH4
Reactivity	Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	129151
Physical State	Liquid
Immunogen	Recombinant mouse CD11c protein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq].

Additional Information

Gene ID	16411
Other Names	CD11C; SLEB6; Cr4; N418; RGD1561123; ITAX_HUMAN; ITGAX; CD11 antigen-like family member C; Leu M5; Leukocyte adhesion glycoprotein p150, 95 alpha chain; Leukocyte adhesion receptor p150, 95; ITAX_MOUSE; integrin subunit alpha X; integrin, alpha X (antigen CD11C (p150), alpha polypeptide); integrin, alpha X (complement component 3 receptor 4 subunit); complement component 3 receptor 4 subunit
Dilution	WB=1:500-2000,IHC-P=1:500-2000,IHC-F=1:500-2000,IF=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Itgax
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. Functions as a receptor of the erythrocyte-specific adhesion molecule ICAM4 and mediates erythrophagocytosis.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P20702}; Single-pass type I membrane protein {ECO:0000250 UniProtKB:P20702}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.