

human CD11a Mouse mAb

Catalog # AP99786

Product Information

Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	126 KDa
Physical State	Liquid
Isotype	Mouse IgG2b, k
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4).
SIMILARITY	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
SUBUNIT	Heterodimer of an alpha and a beta subunit. Alpha-L associates with beta-2.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Additional Information

Other Names	CD11A; LFA-1; LFA1A; ITAL_HUMAN; ITGAL; CD11 antigen-like family member A; Leukocyte adhesion glycoprotein LFA-1 alpha chain (LFA-1A); Leukocyte function-associated molecule 1 alpha chain; integrin subunit alpha L; integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide); human neutrophil antigen 5; antigen CD11A (p180); lymphocyte function-associated antigen 1, alpha polypeptide
Dilution	ICC/IF=1:100-500,Flow-Cyt=1ug/Test
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.
Name	human CD11a Mouse mAb
Function	Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. It is involved in a variety of immune phenomena including leukocyte-endothelial

cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes.

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