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Product Information

Recombinant Anti-Human ITGAL Antibody

Cat. No.: **MOM-18108**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human CD11a, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

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.

Specific Activity

Tested positive against native antigen.

Target

CD11a

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

Mouse IgG1

Expression Host

CHO

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in IP, IF, FuncS, FC, Neut, ELISA and most other immunological methods.

Storage

At -20°C for one year.

ANTIGEN GENE INFOMATION

Gene Name

ITGAL integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide) [Homo

sapiens]

Official Symbol

ITGAL

Synonyms

ITGAL; integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide); CD11A; integrin alpha-L; LFA 1; LFA-1A; LFA-1 alpha; integrin gene promoter; CD11 antigen-like family member A; lymphocyte function-associated antigen 1; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain; antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide; LFA-1; LFA1A;

Gene ID

3683

mRNA Refseq

NM_001114380

Protein Refseq

NP_001107852

MIM

153370

UniProt ID

P20701

Chromosome Location

16p13.1-p11

Pathway

Adaptive Immune System, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Focal Adhesion, organism-specific biosystem; HTLV-I infection, organism-specific biosystem;

Function

cell adhesion molecule binding; protein heterodimerization activity; receptor activity;

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