

# Product Information

## Recombinant Anti-Human ITGAL Antibody

Cat. No.: **MOM-18024**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Humanized (from mouse) Antibody is bind 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

Humanized (from mouse)

### Species Reactivity

Human

### Type

Humanized (from mouse) IgG1 - kappa

### Expression Host

CHO

### Predicted N terminal

H Chain: EVQLVES; L Chain: DIQMTQS

### Purity

>95.0% as determined by analysis by SDS-PAGE.

### Applications

Suitable for use in Neut, ELISA and most other immunological methods.

### Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

## ANTIGEN GENE INFORMATION

### 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; CXCR3-mediated signaling events; Cell adhesion molecules (CAMs); Cell surface interactions at the vascular wall; Epstein-Barr virus infection; Focal Adhesion; HTLV-I infection;

### Function

Cell adhesion molecule binding; Protein heterodimerization activity; Receptor activity