

Rabbit Anti-CD62L antibody

SL10214R

Product Name CD62L

Chinese Name L 选择素抗体

Alias

L Selectin; A.11; AI528707; CD62 antigen ligand; CD62 antigen-like family member L; gp90 M IgA nephropathy, susceptibility to, included; L Selectin; LAM1; LECAM1; LEU8; Leukocyte adhesion molecule 1; Leukocyte surface antigen Leu8; Leukocyte-endothelial cell adhesion molecule 1; L Ly-22; Ly-m22; Lyam-1; LYAM1; Lymph node homing receptor; Lymphocyte adhesion molecule 1; Lymphocyte antigen 22; Lymphocyte surface MEL-14 antigen; PLNHR; Selectin L; Selectin, lymphocyte; SELL; TQ1; LYAM1_HUMAN.

Research Area

Cardiovascular Cell biology immunology Stem cells Cell Surface Molecule lymphocyte t-lymphocyte

Immunogen Species

Rabbit

Clonality

Polyclonal

React Species

Human, (predicted: Mouse, Rat, Rabbit,)

Applications

WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:100-500
(Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight

37kDa

Cellular localization

The cell membrane

Form

Liquid

Concentration

1mg/ml

immunogen

KLH conjugated synthetic peptide derived from human CD62L: 65-160/372 <Extracellular>

Lsotype

IgG

Purification

affinity purified by Protein A

Buffer Solution

1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage

Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.



Attention

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

This gene encodes a cell surface adhesion molecule that belongs to a family of adhesion/homing encoded protein contains a C-type lectin-like domain, a calcium-binding epidermal growth factor and two short complement-like repeats. The gene product is required for binding and subsequent leucocytes on endothelial cells, facilitating their migration into secondary lymphoid organs and sites. Single-nucleotide polymorphisms in this gene have been associated with various diseases including immunoglobulin A nephropathy. Alternatively spliced transcript variants have been found for this gene [provided by RefSeq, Oct 2009]

Function:

Cell surface adhesion protein. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelium.

Subunit:

Interaction with PSGL1/SELPLG and PODXL2 is required for promoting recruitment and rolling of lymphocytes. This interaction is dependent on the sialyl Lewis X glycan modification of PSGL1 and PODXL2 and the sulfation modifications of PSGL1. Sulfation on 'Tyr-51' of PSGL1 is important for L-selectin binding.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Product Detail

Tissue Specificity:

Expressed in B-cell lines and T-lymphocytes.

Similarity:

Belongs to the selectin/LECAM family.
Contains 1 C-type lectin domain.
Contains 1 EGF-like domain.
Contains 2 Sushi (CCP/SCR) domains.

SWISS:

P14151

Gene ID:

6402

Database links:

[Entrez Gene: 6402](#) Human

[Entrez Gene: 20343](#) Mouse



[Oimim: 153240](#) Human

[SwissProt: P14151](#) Human

[SwissProt: P18337](#) Mouse

[Unigene: 728756](#) Human

[Unigene: 1461](#) Mouse