



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 MEL; hLHRc; IgA nephropathy, susceptibility to, included; L Selectin; LAM1; LECAM1; LEU8; Leukocyte adhesion molecule 1; Leukocyte surface antigen Leu8; Leukocyte-endothelial cell adhesion molecule 1; LNHR; LSEL; 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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	37kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or 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
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed

This gene encodes a cell surface adhesion molecule that belongs to a family of adhesion/homing receptors. The encoded protein contains a C-type lectin-like domain, a calcium-binding epidermal growth factor-like domain, and two short complement-like repeats. The gene product is required for binding and subsequent rolling of leucocytes on endothelial cells, facilitating their migration into secondary lymphoid organs and inflammation 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 endothelia.

Subunit:

Interaction with PSGL1/SELPLG and PODXL2 is required for promoting recruitment and rolling of leukocytes. This interaction is dependent on the sialyl Lewis X glycan modification of PSGL1 and PODXL2, and tyrosine 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.

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

[Omim: 153240](#) Human

Product Detail:

[SwissProt: P14151](#) Human

[SwissProt: P18337](#) Mouse

[Unigene: 728756](#) Human

[Unigene: 1461](#) Mouse

Important Note:

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

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