

CD62L Rabbit pAb

Catalog # AP96934

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P18337
Other Accession	P18337
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42288
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse CD62L
Epitope Specificity	301-372/372
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the selectin/LECAM family. Contains 1 C-type lectin domain. Contains 1 EGF-like domain. Contains 2 Sushi (CCP/SCR) domains.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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].

Additional Information

Gene ID	20343
Other Names	CD62L; L-selectin; LAM-1; LECAM-1; LECAM1; Lnhrr; Ly-22; Ly-m22; Lyam-1; Lyam1; LYAM1_MOUSE; Sell; CD62 antigen-like family member L; Leukocyte adhesion molecule 1 (LAM-1); Leukocyte-endothelial cell adhesion molecule 1 (LECAM1); Lymph node homing receptor; Lymphocyte antigen 22 (Ly-22); Lymphocyte surface MEL-14 antigen; Ly22; LAM1; LEU8; LSEL; PLNHR; TQ1; LYAM1_HUMAN; Leukocyte surface antigen Leu-8; gp90-MEL; selectin L; lymphocyte adhesion molecule 1

Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1 µg/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.

Protein Information

Name	Sell
Synonyms	Lnhr, Ly-22, Ly22
Function	Calcium-dependent lectin that mediates cell adhesion by binding to glycoproteins on neighboring cells. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes (PubMed: 1693096). Promotes initial tethering and rolling of leukocytes in endothelia (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Predominantly expressed in lymphoid tissue.

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