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CD62L Rabbit pAb

Catalog # AP96934

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P18337
Other Accession	P18337
Reactivity	Rat, Mouse
Predicted	Rabbit
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; Lnhr; 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 g/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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