

Rabbit anti-Mouse SELL/CD62L Monoclonal Antibody | anti-SELL antibody

Recombinant Anti-SELL/CD62L Antibody (PerCP), Rabbit Monoclonal

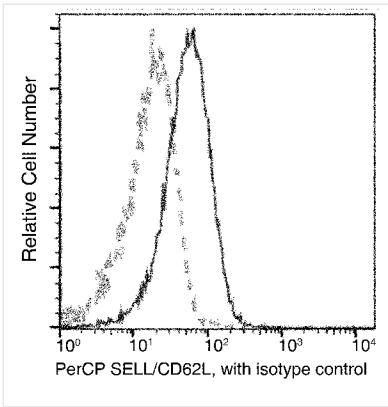
CATALOG # AAA257069	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

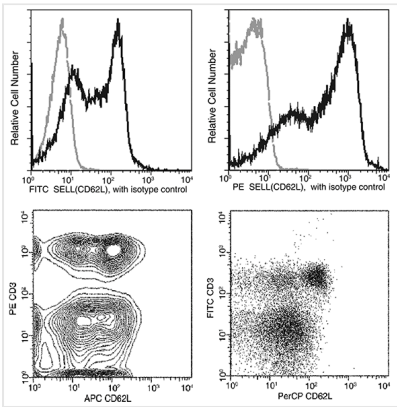
SELL/CD62L; Monoclonal Antibody; Recombinant Anti-SELL/CD62L Antibody (PerCP); Rabbit Monoclonal; CD62L/L-Selectin/SELL Antibody (PerCP); Rabbit MAb; selectin L; Anti-AI528707 Antibody; Anti-CD62L Antibody; Anti-L-selectin Antibody; Anti-LECAM-1 Antibody; Anti-Lnhr Antibody; Anti-Ly-22 Antibody; Anti-Ly-m22 Antibody; Anti-Lyam-1 Antibody; Anti-Lyam1 Antibody; anti-SELL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	414
Specificity	Mouse SELL/CD62L/L-selectin
Purity/Purification	Protein A
Form/Format	Liquid; Aqueous solution containing 0.5% BSA and 0.09% sodium azide
Concentration	10ul/Test, 0.1mg/ml (varies by lot)
Applicable Applications for anti-SELL antibody	FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse SELL protein
Conjugation	PerCP
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse SELL/CD62L/L-selectin (rM SELL/CD62L/L-selectin) and conjugated with PerCP under optimum conditions, the unreacted PerCP was removed.
Preparation and Storage	This antibody can be stored at 2-8 degree C for twelve months without detectable loss of activity. Protected from prolonged exposure to light. Do not freeze! Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Mouse SELL(CD62L) expression on BABL/c splenocytes. Cells were stained with PerCP-conjugated anti-Mouse SELL(CD62L). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of CD62L expression on spleen lymphocytes.

ADDITIONAL INFORMATION

Related Product Information for anti-SELL antibody	L-selectin (SELL), also known as CD62L, is a key adhesion molecule that regulates both the migration of leukocytes at sites of inflammation and the recirculation of lymphocytes between blood and lymphoid tissues. It belongs to the selectin family of proteins, and consisting of a large, highly glycosylated, extracellular domain, a single spanning transmembrane domain and a small cytoplasmic tail. L-selectin is the only selectin expressed on leukocytes and mediates a number of leukocyte-endothelial interactions. L-selectin acts as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via high endothelial venules. Ligands present on endothelial cells will bind to leukocyte expressing L-selectin, slowing leukocyte trafficking through the blood, and facilitating entry into a secondary lymphoid organ at that point. L-selectin-mediated lymphocyte recirculation is required for maintaining the appropriate tissue distribution of lymphocyte subpopulations including naive and effector subsets such as regulatory T cells. In addition, L-selectin-mediated entry into peripheral lymph nodes is required for optimal induction of lymphocyte homeostatic proliferation during lymphopenia. Importantly, L-selectin has been shown to have both adhesive and signaling functions during leukocyte migration. L-selectin has also been shown to mediate leukocyte recruitment during chronic inflammatory and autoimmune diseases and thus is a potential therapeutic target for drug development.
References	Smalley DM, et al. (2005) L-selectin: mechanisms and physiological significance of ectodomain cleavage. J Cell Mol Med. 9(2): 255-66. Grailer JJ, et al. (2009) L-selectin: role in regulating homeostasis and cutaneous inflammation. J Dermatol Sci. 56(3): 141-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755454
NCBI GeneID	20343
NCBI Accession #	NP_035476.1
NCBI GenBank Nucleotide #	NM_011346.2
UniProt Accession #	P18337
Molecular Weight	42,288 Da
NCBI Official Full Name	L-selectin isoform 1
NCBI Official Synonym Full Names	selectin, lymphocyte
NCBI Official Symbol	Sell
NCBI Official Synonym Symbols	Lnhr; CD62L; Ly-22; Lyam1; Ly-m22; Lyam-1; LECAM-1; AI528707; L-selectin

NCBI Protein Information	L-selectin; LAM-1; LECAM1; lymphocyte antigen 22; lymph node homing receptor; leukocyte adhesion molecule 1; CD62 antigen-like family member L; lymphocyte surface MEL-14 antigen; leukocyte-endothelial cell adhesion molecule 1
UniProt Protein Name	L-selectin
UniProt Gene Name	Sell
UniProt Synonym Gene Names	Lnhr; Ly-22; Ly22; LAM-1; LECAM1; Ly-22
UniProt Entry Name	LYAM1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/sell-cd62l-antibody-clone-414-flow-cytometry-elisa/257069>