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SELL Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6990B

Specification

SELL Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	P14151
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**346-372**

SELL Antibody (C-term) - Additional Information

Gene ID 6402

Other Names
L-selectin, CD62 antigen-like family member L, Leukocyte adhesion molecule 1, LAM-1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, Lymph node homing receptor, TQ1, gp90-MEL, CD62L, SELL, LNHR, LYAM1

Target/Specificity
This SELL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 346-372 amino acids from the C-terminal region of human SELL.

Dilution
WB~~1:2000
IHC-P~~1:10~50
FC~~1:25

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SELL Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SELL Antibody (C-term) - Protein Information

Name SELL

Synonyms LNHR, LYAM1

Function Calcium-dependent lectin that mediates cell adhesion by binding to glycoproteins on neighboring cells (PubMed:12403782, PubMed:28489325, PubMed:28011641). 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 (PubMed:12403782, PubMed:28011641).

Cellular Location
Cell membrane; Single-pass type I membrane protein

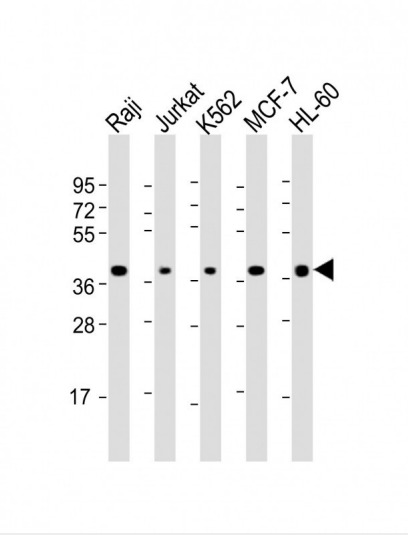
Tissue Location
Expressed in B-cell lines and T-lymphocytes.

SELL Antibody (C-term) - Protocols

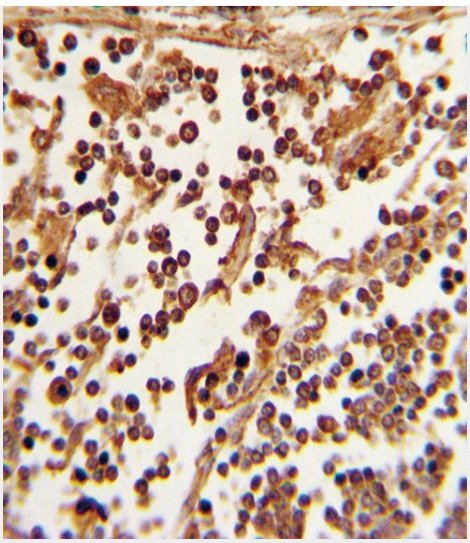
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

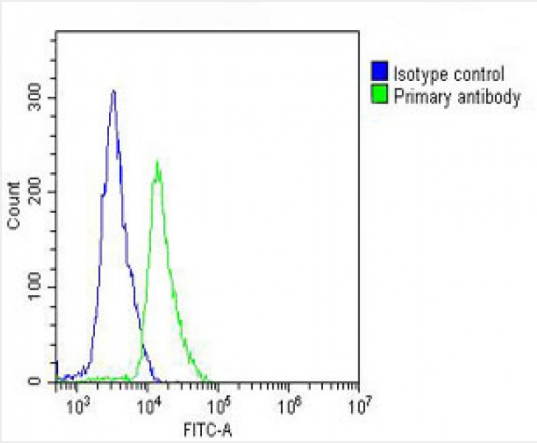
SELL Antibody (C-term) - Images



All lanes : Anti-SELL Antibody (C-term) at 1:2000 dilution Lane 1: Raji whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: K562 whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human lymph tissue with SELL Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Overlay histogram showing Jurkat cells stained with AP6990b (green line). The cells were fixed with 2% paraformaldehyde (10 min). The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP6990b, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

SELL Antibody (C-term) - Background

SELL is a cell surface component that is a member of a family of adhesion/homing receptors which play important roles in leukocyte-endothelial cell interactions. The molecule is composed of multiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins.

SELL Antibody (C-term) - References

Zebrowska,A., et.al., Pol J Pathol 60 (1), 26-34 (2009)