



L-Selectin Polyclonal Antibody

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|---------------------------|---|
| Catalog No | BYab-17086 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB;ELISA;IHC |
| Gene Name | SELL |
| Protein Name | L-selectin |
| Immunogen | The antiserum was produced against synthesized peptide derived from the Internal region of human SELL. AA range:91-140 |
| Specificity | L-Selectin Polyclonal Antibody detects endogenous levels of L-Selectin protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | SELL; LNHR; LYAM1; 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 |
| Observed Band | 42kD |
| Cell Pathway | Cell membrane ; Single-pass type I membrane protein . |
| Tissue Specificity | Expressed in B-cell lines and T-lymphocytes. |
| Function | 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.,online information:L-selectin,similarity:Belongs to the selectin/LECAM family.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 2 Sushi (CCP/SCR) domains.,subunit:Interaction with PSGL1/SELPLG is required for promoting recruitment and rolling of leukocytes. |

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This interaction is dependent on the sialyl Lewis X glycan and tyrosine sulfation modifications of PSGL1. Sulfation on Y-51 of PSGL1 is important for L-selectin binding.,tissue specificity:Expressed in B cell lines and T lymphocytes.,

Background

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],

matters needing attention

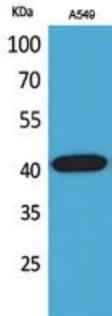
Avoid repeated freezing and thawing!

Usage suggestions

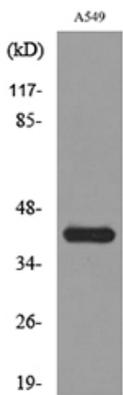
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



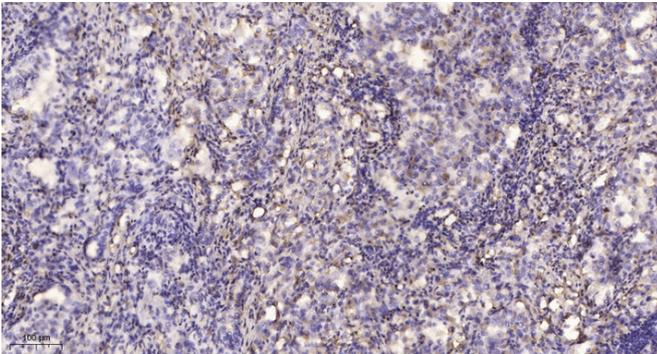
Products Images



Western Blot analysis of A549 cells using L-Selectin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from A549 cells, using SELL Antibody.



Immunohistochemical analysis of paraffin-embedded human lung cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).