

## L-Selectin Polyclonal Antibody

| Catalog No :                | YT5370  |
|-----------------------------|---|
| Reactivity :                | Human;Mouse;Rat   |
| Applications :              | WB;ELISA;IHC  |
| Target :                    | L-Selectin  |
| Fields :                    | >>Cell adhesion molecules   |
| Gene Name :                 | SELL  |
| Protein Name :              | L-selectin  |
| Human Gene Id :             |   |
| Human Gene Id :             | 6402  |
| Human Swiss Prot<br>No :    | P14151  |
| Mouse Gene Id :             | 20343   |
| Mouse Swiss Prot            | P18337  |
| No :<br>Rat Swiss Prot No : | P30836  |
| 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  |
| Dilution :                  | WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000  |
| Purification :              | The antibody was affinity-purified from rabbit antiserum by affinity-<br>chromatography using epitope-specific immunogen. |

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| Concentration :                    | 1 mg/ml  |  |
|                                    |  |  |
| Storage Stability :                | -15°C to -25°C/1 year(Do not lower than -25°C)   |  |
|                                    |  |  |
| <b>Observed Band :</b>             | 42kD   |  |
|                                    |  |  |
| Cell Pathway :                     | Cell adhesion molecules (CAMs);  |  |
| · · · · · ·                        |  |  |
| 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],   |  |
| 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. 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., |  |
| Subcellular                        | Cell membrane ; Single-pass type I membrane protein .  |  |
| Location :                         |  |  |
| Expression :                       | Expressed in B-cell lines and T-lymphocytes.   |  |
|                                    |  |  |

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