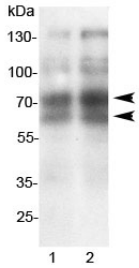
# L-Selectin Antibody / CD62L (R30426)

| Catalog No. | Formulation | Size |
|---|---|---|
| R30426 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| **UniProt** | P18337 |
| **Applications** | Western blot: 0.5-1ug/ml |
| **Limitations** | This L-Selectin antibody is available for research use only. |




Western blot testing of 1) rat spleen and 2) mouse spleen lysate with L-Selectin antibody. Expected/observed molecular weight: 42~95kDa depending on level of glycosylation.

## Description

L-Selectin, also known as CD62L, is a cell adhesion molecule found on leukocytes. It belongs to the selectin family of proteins, which recognize sialylated carbohydrate groups. It is cleaved by ADAM17. SELL/L-selectin 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. 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.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the L-Selectin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the middle region of mouse L-Selectin (KEDCVEIYIKRERDSGK) was used as the immunogen for this L-Selectin antibody (100% rat homology).

## Storage

After reconstitution, the L-Selectin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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