

**SELL Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO2038a****Specification****SELL Antibody - Product Information**

Application	E, WB, IF
Primary Accession	<a href="#">P14151</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	42.2kDa KDa

**Description**

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.

**Immunogen**

Purified recombinant fragment of human SELL (AA: 83-186) expressed in E. Coli.

**Formulation**

Purified antibody in PBS with 0.05% sodium azide

**SELL Antibody - 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

**Dilution**

E~~1/10000  
WB~~1/500 - 1/2000  
IF~~1/200 - 1/1000

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SELL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **SELL Antibody - Protein Information**

**Name** SELL

**Synonyms** LNHR, LYAM1

### **Function**

Calcium-dependent lectin that mediates cell adhesion by binding to glycoproteins on neighboring cells (PubMed:<a href="http://www.uniprot.org/citations/12403782" target="\_blank">12403782</a>, PubMed:<a href="http://www.uniprot.org/citations/28489325" target="\_blank">28489325</a>, PubMed:<a href="http://www.uniprot.org/citations/28011641" target="\_blank">28011641</a>). 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:<a href="http://www.uniprot.org/citations/12403782" target="\_blank">12403782</a>, PubMed:<a href="http://www.uniprot.org/citations/28011641" target="\_blank">28011641</a>).

### **Cellular Location**

Cell membrane; Single-pass type I membrane protein

### **Tissue Location**

Expressed in B-cell lines and T-lymphocytes.

## **SELL Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)