

## Monoclonal Antibody to CD62L / L-Selectin - FITC

<b>Alternate names:</b>	CD62 antigen-like family member L, LAM-1, LECAM1, LNHR, LYAM1, Leu-8, Leukocyte adhesion molecule 1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, Lymph node homing receptor, SELL, TQ1, gp90-MEL
<b>Catalog No.:</b>	SM444F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	The Human CD62L is a 74-95 kDa glycoprotein member of the selectin family of adhesion receptors. Human CD62L (L Selectin) is comprised of an aminoterminal C type lectin binding domain, an epidermal growth factor like domain, two short consensus repeat (SCR) sequences homologous to those found in complement binding proteins, a short spacer region, a transmembrane region and a short cytoplasmic region. Human CD62L is constitutively expressed on all classes of leukocytes including lymphocytes (except a substantial population of memory T cells), monocytes and polymorphonuclear cells. It is expressed on bone marrow myeloid progenitor cells, erythroid precursor cells and some thymocytes. It is preferentially localized to the tips of lymphocytes and polymorphonuclear cells microvilli. Bioactive soluble L Selectin derived from lymphocytes and neutrophils is present in normal and pathological biological fluids.
<b>Uniprot ID:</b>	<a href="#">P98131</a>
<b>NCBI:</b>	<a href="#">NP_776607.1</a>
<b>GeneID:</b>	<a href="#">281485</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	CC32
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G. <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow Cytometry: Use 10 µl of Neat-1/10 diluted antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the bovine L-Selectin molecule, also known as CD62L. <b>Species:</b> Bovine. Other species not tested.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)

**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
This product is photosensitive and should be protected from light.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.

**General References:**

1. Sopp, P. and Howard, C.J. (2001) IFN gamma and IL-4 production by CD4, CD8, and WC1 gamma-delta TCR+ cells from cattle lymph nodes and blood. *Vet. Immunol. Immunopathol.* 81: 85-96.

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