Monoclonal Antibody to CD62L / L-Selectin (mouse)  
Low Endotoxin (0.1 mg)

Clone: MEL-14  
Isotype: Rat IgG2a  
Specificity: The rat monoclonal antibody MEL-14 reacts with mouse CD62L (L-selectin), a 75 kDa single chain type I glycoprotein expressed on most peripheral blood B lymphocytes, T lymphocytes, monocytes and granulocytes; it is also present on a subset of NK cells and certain hematopoietic malignant cells.

Regulatory Status: RUO  
Immunogen: C3H/eb mouse B cell lymphoma 38C-13  
Species Reactivity: Mouse  
Application: Flow Cytometry  
Recommended dilution: 0.5 µg/ml  
Immunoprecipitation  
Immunohistochemistry (paraffin sections)  
Immunohistochemistry (frozen sections)  
Immunocytochemistry  
Functional Application  
Blocking of cell adhesion

Purity: > 95% (by SDS-PAGE)  
Purification: Purified by protein-G affinity chromatography  
Concentration: 1 mg/ml  
Storage Buffer: Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein, as determined by the LAL test.

Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.

Expiration: See vial label  
Lot Number: See vial label

Background: CD62L (L-selectin) is an adhesion glycoprotein that is constitutively expressed on the cell surface of leukocytes and mediates their homing to inflammatory sites and peripheral lymph nodes by enabling rolling along the venular wall. CD62L is also involved in activation-induced neutrophil aggregation. Activation-dependent CD62L shedding, however, counteracts neutrophil rolling. CD62L has also signaling roles including enhance of chemokine receptor expression. Similarly to CD62P, the major ligand of CD62L is PSGL-1 (P-selectin glycoprotein ligand-1).
References:

*And many other.

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