SELL monoclonal antibody, clone LT-TD180 (FITC)

Catalog # MAB4451 Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against native SELL.
Immunogen	Native purified SELL from peripheral blood leukocytes.
Host	Mouse
Theoretical MW (kDa)	74-95
Reactivity	Human
Specificity	This antibody reacts with CD62L (L-selectin), a 74-95 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.
Form	Liquid
Conjugation	FITC
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 ul in human blood cells 100 ul in whole blood or 10^6 cells in a suspension) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

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Gene Info — SELL

Entrez GeneID	6402
Gene Name	SELL
Gene Alias	CD62L, LAM-1, LAM1, LECAM1, LNHR, LSEL, LYAM1, Leu-8, Lyam-1, PLNHR, TQ1, hLHRc
Gene Description	selectin L
Omim ID	153240 161950
Gene Ontology	Hyperlink
Gene Summary	SELL is a cell surface component that is a member of a family of adhesion/homing receptors whi ch play important roles in leukocyte-endothelial cell interactions. The molecule is composed of mul tiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consens us repeat units found in C3/C4 binding proteins. [provided by RefSeq
Other Designations	Leu-8 antigen|leukocyte adhesion molecule-1|lymph node homing receptor|lymphocyte adhesion molecule 1

Publication Reference

- Dynamic alterations of membrane tethers stabilize leukocyte rolling on P-selectin.

  Ramachandran V, Williams M, Yago T, Schmidtke DW, McEver RP.

  PNAS 2004 Sep; 101(37):13519.

- L-selectin stimulation enhances functional expression of surface CXCR4 in lymphocytes: implications for cellular activation during adhesion and migration.

  Ding Z, Issekutz TB, Downey GP, Waddell TK.

  Blood 2003 Jun; 101(11):4245.

- L-selectin (CD62L) cross-linking signals neutrophil adhesive functions via the Mac-1 (CD11b/CD18) beta 2-integrin.

  Simon SI, Burns AR, Taylor AD, Gopalan PK, Lynam EB, Sklar LA, Smith CW.

  Journal of Immunology 1995 Aug; 155(3):1502.

  Application: Flow Cyt, Func, Human, HUVECs, Neutrophils

Pathway

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- Cell adhesion molecules (CAMs)

Disease

- Acute Disease
- Anemia
- Asthma
- Atherosclerosis
- Bronchiolitis
- Bronchopulmonary Dysplasia
- Brucellosis
- Cadaver
- Cardiovascular Diseases
- Celiac Disease
- Cerebrovascular Disorders
- Coronary Artery Disease
- Coronary Disease
- Diabetes
- Diabetes Mellitus
- Disease Progression
- Edema
- Fatigue Syndrome
- Genetic Predisposition to Disease
- Glomerulonephritis
- Graves Disease
- Hypertension
- Infant

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- Kidney Failure
- Multiple Sclerosis
- Osteoporosis
- Q Fever
- Recurrence
- Respiratory Syncytial Virus Infections
- Sepsis
- Thrombosis
- Venous Thrombosis

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