

Datasheet

SELL monoclonal antibody, clone LT-TD180 (FITC)

Catalog Number: MAB4451

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native SELL.

Clone Name: LT-TD180

Immunogen: Native purified SELL from peripheral blood leukocytes.

Host: Mouse

Theoretical MW (kDa): 74-95

Reactivity: Human

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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 10⁶ 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.

Entrez GeneID: 6402

Gene Symbol: SELL

Gene Alias: CD62L, LAM-1, LAM1, LECAM1, LNHR, LSEL, LYAM1, Leu-8, Lyam-1, PLNHR, TQ1, hLHRc

Gene Summary: SELL 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. [provided by RefSeq]

References:

1. Dynamic alterations of membrane tethers stabilize leukocyte rolling on P-selectin. Ramachandran V, Williams M, Yago T, Schmidtke DW, McEver RP. Proc Natl Acad Sci U S A. 2004 Sep 14;101(37):13519-24. Epub 2004 Sep 7.
2. 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 1;101(11):4245-52. Epub 2003 Feb 27.
3. 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. J Immunol. 1995 Aug 1;155(3):1502-14.