

anti-human CD62L

Monoclonal Antibody LT-TD180 to CD62L (Human)

Cat-No: 21279621

100 µg in 100 µl

Clone: LT-TD180

Specificity: The antibody LT-TD180 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.

Isotype subclass: Mouse IgG1

Form: Purified from ascites by DEAE-chromatography and precipitation methods.

Purity: > 95% (by SDS-PAGE)

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 0.09 % sodium azide (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application: Flow Cytometry

References: • • *Von Andrian UH and others: 1992 Oct;263(4 Pt 2):H1034-44.

- *von Andrian UH and others: 1993 Jul 1;82(1):182-91.
- *Simon SI and others: 1995 Aug 1;155(3):1502-14.
- *Ding Z and others: 2003 Jun 1;101(11):4245-52.
- *Ramachandran V and others: 2004 Sep 14;101(37):13519-24.

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).

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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