



1F-449-T100

Monoclonal Antibody to CD62L Fluorescein (FITC) conjugated (100 tests)

Clone:	LT-TD180
Isotype:	Mouse IgG1
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.
Regulatory Status:	RUO
Immunogen:	Peripheral blood leukocytes
Species Reactivity:	Human
Preparation:	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary.
Storage Buffer:	The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.
Storage / Stability:	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
Usage:	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
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).

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**Antibodies****References:**

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- *Simone R, Zicca A, Saverino D: The frequency of regulatory CD3+CD8+CD28-CD25+ T lymphocytes in human peripheral blood increases with age. *J Leukoc Biol.* 2008 Dec;84(6):1454-61.

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