

Manufacturer/Supplier:

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Product name: Purified Anti-Human CD62L Monoclonal Antibody

Catalog: DL20700F

Synonyms: L-selectin, Sell, CD62 antigen-like family member
L, LAM-1, LECAM1, Lymph node homing
receptor, Ly-22, CD62L, Lnh, Ly22

Background: CD62L is a 74-95 kD single chain type I glycoprotein referred to as L-selectin or LECAM-1. It is expressed on most peripheral blood B cells, subsets of T and NK cells, monocytes, granulocytes, and certain hematopoietic malignant cells. CD62L binds to carbohydrates present on certain glycoforms of CD34, glycamin-1, and MAdCAM-1 and with a low affinity to anionic oligosaccharide sequences related to sialylated Lewis X (sLex, CD15s) through its C-type lectin domain. CD62L is important for the

homing of naïve lymphocytes to high endothelial venules in peripheral lymph nodes and Peyer's patches. It also plays a role in leukocyte rolling on activated endothelial cells.

Form: Liquid

Isotype: Mouse IgG1, κ

Size: 25 μ g/100 μ g

Host: Mouse

Reactivity: Human

Application: FCM, WB

Concentration: 0.5 mg/mL

Conjugation: Unconjugated

SwissProt: P14151

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 0.5 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.