



11-630-C100

Monoclonal Antibody to CD62L Purified Antibody (0.1 mg)

Clone:	DREG56
Isotype:	Mouse IgG1
Specificity:	The mouse monoclonal antibody DREG56 recognizes CD62L / L-selectin, a 65-76 kDa cell surface protein, expressed by neutrophils, monocytes, and subsets of T, B, and NK cells, that interacts with specific carbohydrates exposed on activated endothelial cells. HLDA V; WS Code S056
Regulatory Status:	RUO
Immunogen:	PMA-activated human peripheral blood leukocytes
Species Reactivity:	Human
Application:	Flow Cytometry Recommended dilution: 2 µg/ml Immunoprecipitation Western Blotting Application note: non-reducing conditions Immunohistochemistry (frozen sections) Functional Application Particularly effective in blocking of lymphocyte CD62L-mediated binding to peripheral lymph node HEV
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
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). The level of CD62L expression can be used to help distinguish naive T cells from effector/memory T cells.

For laboratory research only, not for drug, diagnostic or other use.

**Antibodies****References:**

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- *And other.

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