

## ARG62905 anti-CD62L / L-Selectin antibody [DREG56]

Package: 100 µg

Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [DREG56] recognizes CD62L / L-Selectin
Tested Reactivity	Hu
Tested Application	CyTOF®-candidate, FACS, FuncSt, IHC-Fr, IP, WB
Specificity	The clone 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
Host	Mouse
Clonality	Monoclonal
Clone	DREG56
Isotype	IgG1
Target Name	CD62L / L-Selectin
Species	Human
Immunogen	PMA-activated human peripheral blood leukocytes
Conjugation	Un-conjugated
Alternate Names	Leukocyte surface antigen Leu-8; Leukocyte adhesion molecule 1; CD antigen CD62L; PLNHR; LSEL; CD62L; Leukocyte-endothelial cell adhesion molecule 1; L-selectin; LAM1; LNHR; TQ1; CD62 antigen-like family member L; gp90-MEL; Lymph node homing receptor; LYAM1; LECAM1; LEU8; LAM-1

### Application Instructions

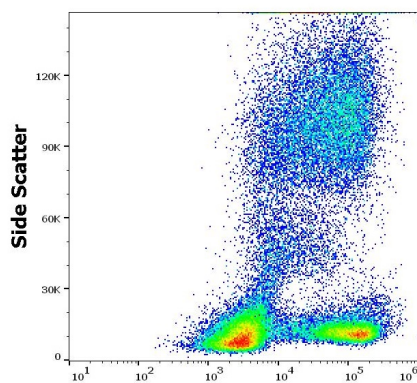
Application table	Application	Dilution
	CyTOF®-candidate	Assay-dependent
	FACS	2 µg/ml
	FuncSt	Assay-dependent
	IHC-Fr	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent
Application Note	WB: Under non-reducing condition. Functional studies: Particularly effective in blocking of lymphocyte CD62L-mediated binding to peripheral lymph node HEV. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from cell culture supernatant by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

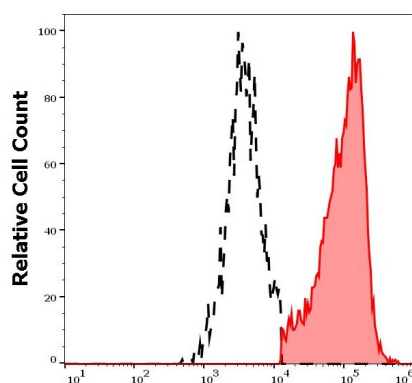
## Bioinformation

Database links	<a href="#">GeneID: 6402 Human</a> <a href="#">Swiss-port # P14151 Human</a>
Gene Symbol	SELL
Gene Full Name	selectin L
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.
Function	Cell surface adhesion protein. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia. [UniProt]
Highlight	Related products: <a href="#">CD62L antibodies</a> ; <a href="#">CD62L ELISA Kits</a> ; <a href="#">Anti-Mouse IgG secondary antibodies</a> ; Related news: <a href="#">CyTOF-candidate Antibodies</a>
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	42 kDa



ARG62905 anti-CD62L / L-Selectin antibody [DREG56] FACS image

Flow Cytometry: Human peripheral blood stained with ARG62905 anti-CD62L / L-Selectin antibody [DREG56] at 1  $\mu$ g/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.



ARG62905 anti-CD62L / L-Selectin antibody [DREG56] FACS image

Flow Cytometry: Separation of human CD62L positive lymphocytes (red-filled) from CD62L negative lymphocytes (black-dashed). Human peripheral whole blood stained with ARG62905 anti-CD62L / L-Selectin antibody [DREG56] at 1  $\mu$ g/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.