

## CD62L Mouse Anti-Human mAb (clone DREG-56) PE-Cy®5 Conjugate

Store at 2°C to 8°C

Pub. No. MAN0008509 Rev. 1.00

Catalog No.	Form	Amount	Excitation	Peak Emission
A16350	PE-Cy®5	25 tests (5 µL/test, 0.1 µg/µL)	488 nm	670 nm

<b>Clone</b>	DREG-56
<b>Host/Class</b>	Mouse IgG1κ
<b>Description</b>	The CD62L Mouse Anti-Human mAb recognizes human CD62L, which is expressed by monocytes, neutrophils, and subsets of T, B, and NK cells and binds a number of fucosylated, glycosylated, sulfated sialylated glycoproteins including CD34, glycamin-1 and MAdCam-1. These interactions mediate the inflammation response of rolling of lymphocytes on activated endothelium and cell homing to the high endothelial venules of peripheral lymphoid tissues.
<b>Alternate Names</b>	LECAM-1, Leu-8, L-Selectin
<b>Reactivity</b>	Human CD62L
<b>Applications*</b>	FC (human peripheral blood leukocytes)
<b>Storage Buffer</b>	The reagent is provided in aqueous buffer with 0.09% sodium azide, and may contain carrier protein/stabilizer. CAUTION! Sodium azide is extremely toxic and may react with lead and copper plumbing to form highly explosive metal azides. Properly dispose of solutions containing sodium azide. Read the Safety Data Sheet (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. SDSs are available at <a href="http://www.lifetechnologies.com/support">www.lifetechnologies.com/support</a> .
<b>Storage</b>	Store reagents in the dark at 2° to 8°C. Do not freeze. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted.  Avoid prolonged light exposure with fluorochrome-conjugated antibodies. Use dim light during handling, incubation with cells, and prior to analysis.
<b>Stability</b>	When stored as instructed, expires one year from date of receipt unless otherwise indicated on Certificate of Analysis.
<b>Lot Number</b>	See product label.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Jutila MA, Kurk S, Jackiw L, Knibbs RN, Stoolman LM. J Immunol. L-selectin serves as an E-selectin ligand on cultured human T lymphoblasts. 2002 Aug 15;169(4):1768-73.</li> <li>2. Schlossman, S., L. Bloumsell, et al. eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York. Kishimoto TK, Jutila MA, Butcher EC. Identification of a human peripheral lymph node homing receptor: a rapidly down-regulated adhesion molecule. Proc Natl Acad Sci U S A. 1990 Mar;87(6):2244-8.</li> </ol>

\* Because conditions may vary, it is recommended that each investigator determine the optimal amount of antibody to be used for each application.








FC = flow cytometry; FUNC = functional assay; ICC = immunocytochemistry; IHC(F) = immunohistochemistry (frozen sample); IHC(P) = immunohistochemistry (paraffin embedded sample); IP = immunoprecipitation; RIA = radioimmunoassay; WB = western blot

**For Research Use Only. Not for use in diagnostic procedures.**

Manufacturing site: 7335 Executive Way | Frederick, MD 21704 | Toll Free in USA 800.955.6288

## Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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