

Datasheet for 200-508-N87**CD62L Phycoerythrin Antibody****Overview**

Description:	Anti-CD62L (RAT) Phycoerythrin Conjugated Monoclonal Antibody - 200-508-N87
Item No.:	200-508-N87
Size:	200 µg
Applications:	FC
Reactivity:	Mouse
Host Species:	Rat

Product Details

Background:	CD62L is a 74-95 kD glycoprotein also known as L-selectin, LECAM-1, Ly-22, LAM-1, and MEL-14. It is a member of the selectin family and is expressed on the majority of B and naïve T cells, a subset of memory T cells, monocytes, granulocytes, most thymocytes, and a subset of NK cells. CD62L is important in lymphocyte homing to high endothelial venules (HEV) in peripheral lymph nodes and leukocyte "rolling" on activated endothelium. CD62L also contributes to neutrophil emigration at inflammatory sites. CD62L is rapidly shed from lymphocytes and neutrophils upon cellular activation and the expression levels of CD62L (in conjunction with other markers) have been used to distinguish naïve, effector, and memory T cells. CD62L has been reported to interact with CD34, glyCAM-1, and MAdCAM-1.
Synonyms:	L-selectin CD62 antigen-like family member L Leukocyte adhesion molecule 1 LAM-1 Leukocyte-endothelial cell adhesion molecule 1 LECAM1 Lymph node homing receptor Lymphocyte antigen 22 Ly-22 Lymphocyte surface MEL-14 antigen CD62L Sell Lnhp, Ly-22, Ly22
Host Species:	Rat
Conjugate:	R-Phycoerythrin (RPE)

Clonality:	Monoclonal
Clone ID:	MEL-14
Format:	IgG2a
F/P Ratio:	1-2

Target Details

Gene Name:	Sell
Reactivity:	Mouse
Immunogen Type:	Other
Immunogen:	Anti-CD62L Antibody (Monoclonal) was produced by repeated immunizations with C3H/eb mouse B lymphoma 38C-13.
Purity/Specificity:	Phycoerythrin conjugated CD62L Monoclonal Antibody was purified from tissue culture supernatant via affinity chromatography and is directed against mouse CD62L. Cross reactivity with CD62L from other sources has not been tested. Anti-CD62L is conjugated with PE under optimal conditions and the solution is free of unconjugated PE.
Relevant Links:	• UniProtKB - P18337 • NCBI - NP_035476.1 • GeneID - 20343

Application Details

Tested Applications:	FC
Application Note:	Anti-CD62L is tested for FLOW and useful for Immunohistochemistry and Immunoprecipitation using mouse spleen cells, or an appropriate cell type (where indicated). Researchers should determine optimal titers for applications that are not stated.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FC:	10 μ L/10 ⁶ cells (0.1 μ g)
IHC:	User Optimized
IP:	User Optimized

Formulation

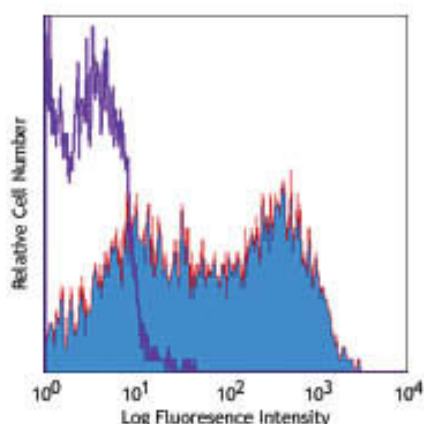
Physical State:	Liquid (sterile filtered)
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Concentration:	0.2mg/mL Sufficient to run approximately 100 tests
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.09% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. Dilute only prior to immediate use. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis. Store reagent in the dark. DO NOT FREEZE.
Expiration:	Expiration date is six (6) months from date of receipt.

Images



Flow Cytometry

Flow Cytometry of anti-CD62L Phycoerythrin Conjugated Monoclonal Antibody. Cells: C57BL/6 mouse splenocytes. Stimulation: none. Antibody: (Unfilled Line) Rat IgG2a isotype control; (Filled Line) Phycoerythrin Anti-CD62L antibody.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.