

Mouse CD62L Monoclonal Antibody | anti-CD62L antibody

anti-human CD62L-APC

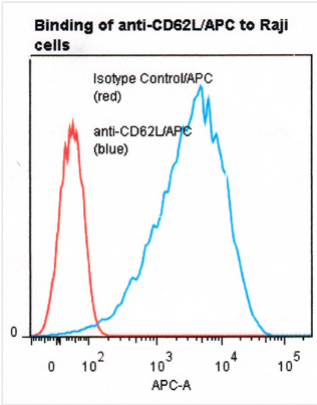
CATALOG # AAA14858	HOST Mouse	REACTIVITY Human, Horse, Mouse, Guinea Pig, Rat, Dog, Cow	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD62L; Monoclonal Antibody; anti-human CD62L-APC; Monoclonal anti-human CD62L (L-selectin)/APC; anti-CD62L antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Horse, Mouse, Guinea Pig, Rat, Dog, Cow
Clonality	Monoclonal
Isotype	IgG2ak
Clone Number	LAM1-116
Form/Format	50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA, 0.04% NaN3 (as a preservative).
Concentration	Volume: 0.2 ml (varies by lot)
Applicable Applications for anti-CD62L antibody	FCM/FACS (Flow Cytometry)
Application Notes	1:50 (or use 1.6ul of concentrated stock per 5 x 10 ⁵ cell test)
Conjugation	APC
Production	Protein A purified antibody from tissue culture supernatant was conjugated to Allophycocyanin through a sulfo-ester linkage. Unconjugated antibody was removed using size exclusion chromatography. Antibody conjugate is at 0.5 mg/ml with an A ₆₅₀ /A ₂₈₀ ratio of 2.21.
Immunogen	Mouse pre-B cells expressing human L-selectin
Performance	Five x 10 ⁵ cultured human Raji cells per tube were washed and incubated 45 minutes on ice with 80 ul of anti-CD62L/APC at a 1:50 dilution factor (10ug/ml). They were then washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 2.1 log ₁₀ fluorescent units when compared to a Mouse IgG2a/APC negative control at a similar concentration. Binding was blocked when cells were pre incubated 10 minutes with 20ul of 0.5mg/ml anti-CD62L antibody.
Preparation and Storage	Store at 2 - 5 degree C. Do not freeze! Protect from light. Product should retain activity for at least 12 months after shipping date when stored as recommended.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD62L antibody	Information: Human CD62L is as adhesion molecule found on most leukocytes and plays a primary role in mediating initial leukocyte interaction with activated vascular endothelium (1). Human CD62L has signal transduction functions where engagement leads to increased calcium levels and upregulated expression of certain integrins (2). Antibody LAM1-116 recognizes the lectin binding domain of CD62L (2). Antibody LAM1-116 blocks CD62L function and induces expression of beta-1 and beta-2 integrins (1).
References	(1). T.A. Springer, (1995) Annu Rev Physiol 57: 827-872. (2). D.A. Steeber, et al, (1997) J Immunol 159: 952-963. (3). Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 420-424.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd62l-antibody-clone-lam1-116-flow-cytometry-elisa/14858>