

Mouse CD62L Monoclonal Antibody | anti-CD62L antibody

anti-human CD62L-FITC

CATALOG # AAA14860	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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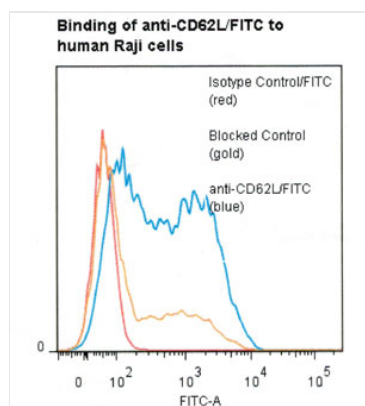
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a?
Clone Number	LAM1-116
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN ₃ (as a preservative).
Applicable Applications for anti-CD62L antibody	FCM/FACS (Flow Cytometry)
Application Notes	Working Dilution: 1:50 (or use 1.6ul of concentrated stock per 5 x 10 ⁵ -cell test)
Immunogen	Mouse pre-B cells expressing human L-selectin
Production	Protein A purified antibody from tissue culture supernatant was reacted with FITC. Unconjugated FITC was separated from antibody/FITC conjugate by desalting column. The antibody/FITC conjugate is at 0.5 mg/ml with a Fluorescein: antibody molar ratio of 8.3.
Performance	Five x 10 ⁵ cultured Raji cells were washed and incubated 45 minutes on ice with 80ul of anti-CD62L/FITC at a 1:50 dilution factor (10ug/ml). Cells were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.31 log ₁₀ fluorescent units when compared to a Mouse IgG2a/FITC negative control at a similar concentration. Binding was blocked when cells were pre incubated 10 minutes with 20ul of 0.5 mg/ml anti-CD62L antibody .
Preparation and Storage	Store at 2-5°C. Freeze/Thawing is not recommended. Protect from light.

IMAGES



FCM (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-CD62L antibody	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/14860>