

CD62L recombinant antibody

Anti-CD62L [MEL-14]

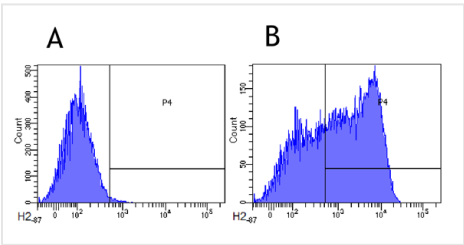
CATALOG # AAA72036	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, Immunoprecipitation
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PRODUCT SYNONYMS

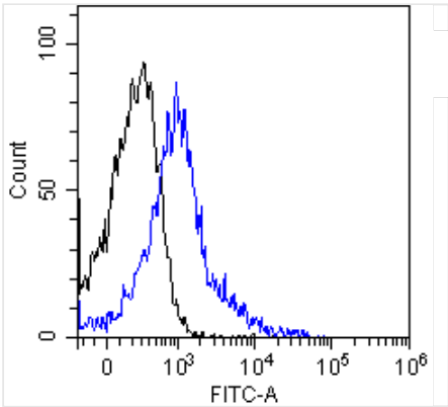
CD62L; Monoclonal Recombinant Antibody; Anti-CD62L [MEL-14]; L-selectin; LECAM-1; Ly-22; MEL14; Leu-8; CD62L recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG kappa
Clone Number	MEL-14
Specificity	This antibody binds to mouse CD62L the mouse peripheral lymph node homing receptor, which is a lectin-like cell surface protein rapidly down-regulated upon cell activation with phorbol 12-myristate 13-acetate.
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Sequence Length	372
Applicable Applications for CD62L recombinant antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), Blocking
Antibody Type	Recombinant Antibody
Antibody Species	Rabbit
Original Species Name	Rat
Immunogen	C3H/eb mouse B lymphoma 38C-13.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.
Clone Note	This antibody detects mouse CD62L and has been reported to inhibit the interaction of neutrophils with endothelial cells in vitro and inhibit the migration of neutrophils from the blood into sites of acute inflammation in the skin (Lewinsohn et al. 1987).
Buffer Composition	PBS only with 0.02% Proclin 300.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



FCM/FACS (Flow Cytometry)
Flow-cytometry using anti-CD62L antibody MEL-14 Mouse lymphocytes were stained with an anti-CD44 control or the rabbit-chimeric version of MEL-14 (AAA72036, panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



FCM/FACS (Flow Cytometry)
Flow-cytometry using the anti-CD62L (L-selectin) antibody MEL-14 Mouse splenocytes were stained with unimmunized rabbit IgG antibody (black line) or the rabbit-chimeric version of MEL-14 (AAA72036, blue line) at a concentration of 10 ug/ml for 30 mins at RT. After washing, bound antibody was detected using an anti-rabbit IgG JK (FITC-conjugate) antibody (129936) at 2 ug/ml and cells analyzed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for CD62L recombinant antibody	Recombinant monoclonal antibody to CD62L. Manufactured using the recombinant platform with variable regions (i.e. specificity) from the hybridoma MEL-14.
Product Categories/Family for CD62L recombinant antibody	Immunology; Neutrophils; Vivopure
References	Lewinsohn, Bargatze & Butcher Leukocyte-endothelial cell recognition: evidence of a common molecular mechanism shared by neutrophils, lymphocytes, and other leukocytes. J Immunol. 1987 Jun 15;138(12):4313-21. PMID:3584977 Original Published Journal: J Immunol. 1987 Jun 15;138(12):4313-21. Original Published Journal: J Immunol. 1987 Jun 15;138(12):4313-21. Publication Note: Describes the generation of this

NCBI AND UNIPROT INFORMATION

NCBI GI #	126179
NCBI GeneID	20343
UniProt Accession #	P18337
NCBI Official Full Name	L-selectin
NCBI Official Synonym Full Names	selectin, lymphocyte
NCBI Official Symbol	Sell
NCBI Official Synonym Symbols	Lnhr; CD62L; Ly-22; Lyam1; Ly-m22; Lyam-1; LECAM-1; AI528707; L-selectin
NCBI Protein Information	L-selectin
UniProt Protein Name	L-selectin
UniProt Gene Name	Sell
UniProt Synonym Gene Names	Lnhr; Ly-22; Ly22; LAM-1; LECAM1; Ly-22
UniProt Entry Name	LYAM1_MOUSE

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-recombinant-antibody-clone-mel-14-immunohistochemistry-flow-cytometry-immunoprecipitation-elisa/72036>