CD62L / L-Selectin Monoclonal Mouse Antibody (CD62L/1588)



Product Description

Selectins, also designated CD62 antigens, comprise a family of carbohydrate-binding proteins involved in mediating cellular interactions with leukocytes. L-Selectin (also designated LECAM-1 or CD62L) is expressed on the majority of B and naive T cells and on most monocytes, neutrophils and eosinophils. L-Selectin interacts with specific carbohydrates expressed by activated endothelial cells. P-Selectin (also designated GMP-140 or CD62P), expressed on activated platelets and endothelial cells, and E-Selectin (also designated ELMA-1 or CD62E), expressed on endothelial cells, exhibit overlapping ligand specificities. Both recognize sialyl-Le (x) as a ligand and bind to specific carbohydrates on neutrophils and monocytes. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. See the CF® Dye Brochure for more information. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors. **Stock status**: Because Biotium offers a large number of antibody and conjugation options, primary antibody conjugates may be made to order. Typical lead times are up to one week for CF® dye and biotin conjugates, and up to 2-3 weeks for fluorescent protein and enzyme conjugates. Please email order@biotium.com to inquire about stock status and lead times before placing your order.

Antibody reactivity (target) Antibody reactivity (target) Primary Host species Mouse Cionality Monoclonal Cione CD62L/1588 Isotype IgG1, kappa Molecular weight 65-75 kDa Synonyms A.11; Al528707; CD62 antigen ligand; CD62L; gp90-MEL; IgA nephropathy; susceptibility to; included; L Selectin; L-selectin; L-MIL; LECAMT; LEU8; Leukocyte-endothelial cell adhesion molecule 1; Lhnr; LSEL; Ly-22; LYMM1; Lymph node homing receptor; Lymphocyte antigen 2; Lymphocyte surface antigen Leu-8; Leukocyte-endothelial cell adhesion molecule 1; Lhnr; LSEL; Ly-22; LYMM1; Lymph node homing receptor; PLNHR; SELL; TQ1 Human gene symbol SELL Entrez gene ID 6402 SwissProt P14151 Unigene 728756 Immunogen MAb raised against supernatant from phorbol myristic acid activated human peripheral blood leukocytes. Antibody target cellular Plasma membrane Antibody application for selection using primary antibody, Optimal dilution and staining primary antibody conjugates than for indirect detection with secondary antibody optimal primary antibody conjugates than for indirect detection with secondary antibody optimal dilution and staining primary antibody optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for litration are 1-2 ugml for most applications, or 1 ugmillion cells/100 uL for flow cytometry Positive control HPBL or Jurkat whole cell lysate. Storage Conditions Storage Conditions Storage Conditions For research use only (RUO) Antibody/conjugate form light, Note: store BSA/ree antibodies at -10 to -35 °C Regulatory status For research use only (RUO) Antibody/conjugate form light, Note: store BSA/ree antibodies at -10 to -35 °C Regulatory status For research use only (RUO) Shalfier antibodies at -10 to -35 °C Regulatory status For research use only (RUO) Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% aside, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% aside, HRP conjugates, velurophils without azide Cell/tissue expression	Product attributes				
Host species Mouse	Antibody number	#1588			
Host species Mouse		CD62L, L-Selectin			
Clone CD62L/1588 Isotype IgG1, kappa Molecular weight 65-75 kDa Synonyms A.11; Al528707; CD62 antigen ligand; CD62L; gp90-MEL; IgA nephropathy; susceptibility to; included; L Selectin; L-selectin; L-selectin; L-MI; LEOAMT; LEU8; Leukocyte-endothelial cell adhesion molecule 1; Lnhr; LSEL; Ly-22; LYAM1; Lymph node homing receptor; Lymphocyte antigen 22; Lymphocyte surface antigen Pin homing receptor; PLNHR; SELL; TQ1 Human gene symbol SELL Entrez gene ID 6402 SwissProt P14151 Unigene 728756 Immunogen MAb raised against supernatant from phorbol myristic acid activated human peripheral blood leukocytes. Antibody target cellular Species reactivity Human Antibody application notes Plasma membrane Species reactivity Human Antibody application For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody opjugates than for indirect detection with secondary antibody opjugates than for indirect detection with secondary antibody opjugates than for indirect detection and staining procedure for a specific application should be determined by user, Recommended starting concentrations for iltration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control HPBL or Jurkat whole cell lysate. Shipping condition Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Regulatory status Conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA,	(target) Antibody type	Primary			
Clone CD62L/1588 IgG1, kappa	Host species	Mouse			
Isotype IgG1, kappa	Clonality	Monoclonal			
Molecular weight 65-75 kDa	Clone	CD62L/1588			
Synonyms A.11; Al528707; CD62 antigen ligand; CD62L; gp90-MEL; lgA nephropathy; susceptibility to; included; L Selectin; L-selectin; L-se	Isotype	IgG1, kappa			
CD62L; gp90-MEL; lgA nephropathy; susceptibility to; included; L Selectin; L-selectin; L-s	Molecular weight				
Entrez gene ID SwissProt P14151 Unigene 728756 Immunogen MAb raised against supernatant from phorbol myristic acid activated human peripheral blood leukocytes. Antibody target cellular Species reactivity Antibody application notes For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct delection using primary antibody, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control HPBL or Jurkat whole cell lysate. Shipping condition Storage Conditions Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Regulatory status Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, BSA-free: 1 mg/mL in PBS without azide Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Cell/tissue expression	Synonyms	CD62L; gp80-MEL; IgA nephropathy; susceptibility to; included; L Selectin; L-selectin; L-selectin; L-M1; LECAM1; LEU8; Leukocyte surface antigen Leu-8; Leukocyte-endothelial cell adhesion molecule 1; Lnhr; LSEL; Ly-22; LYAM1; Lymph node homing receptor; Lymphocyte antigen 22; Lymphocyte surface MEL-14 antigen; Inh homing			
SwissProt	Human gene symbol	SELL			
Unigene 728756 Immunogen MAb raised against supernatant from phorbol myristic acid activated human peripheral blood leukocytes. Antibody target cellular Species reactivity Antibody application rotes For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/mll for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control HPBL or Jurkat whole cell lysate. Shipping condition Storage Conditions Storage Conditions Storage Conditions Storage Signal Sign	Entrez gene ID	6402			
Immunogen	SwissProt	P14151			
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Species reactivity	Immunogen	phorbol myristic acid activated human			
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Shipping condition Room temperature	Species reactivity				
Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C	Antibody application	Human For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL			
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Antibody # prefix	Conjugation	Ex/Em (nm)	Laser line	Detection channel	Dye Features
BNC04	CF®405S	404/431	405	DAPI (microscopy), AF405	CF®405S Features
BNC88	CF®488A	490/515	488	GFP, FITC	CF®488A Features
BNC68	CF®568	562/583	532, 561	RFP, TRITC	CF®568 Features
BNC94	CF®594	593/614	561	Texas Red®	CF®594 Features
BNC40	CF®640R	642/662	633-640	Cy®5	CF®640R Features
BNC47	CF®647	650/665	633-640	Cy®5	CF®647 Features
BNCB	Biotin	N/A	N/A	N/A	
BNUB	Purified	N/A	N/A	N/A	
BNUM	Purified,	N/A	N/A	N/A	

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