

For Research Use Only

CD62L Polyclonal antibody

Catalog Number: 33173-1-AP **1 Publications**



Basic Information

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| Catalog Number: 33173-1-AP | GenBank Accession Number: NM_011346.2 | Purification Method: Antigen affinity Purification |
| Size: 150ul , Concentration: 450 ug/ml by Nanodrop; | GeneID (NCBI): 20343 | Recommended Dilutions: WB: 1:500-1:1000 |
| Source: Rabbit | UNIPROT ID: P18337 | IHC: 1:50-1:500 |
| Isotype: IgG | Full Name: selectin, lymphocyte | IF-P: 1:50-1:500 |
| Immunogen Catalog Number: EG3845 | Calculated MW: 42 kDa | IF-Fro: 1:50-1:500 |
| | Observed MW: 80-90 kDa | |

Applications

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| Tested Applications: WB, IHC, IF-P, IF-Fro, ELISA | Positive Controls: WB : mouse spleen tissue, IHC : mouse spleen tissue, IF-P : mouse spleen tissue, IF-Fro : mouse spleen tissue, |
| Cited Applications: WB, IF | |
| Species Specificity: mouse | |
| Cited Species: mouse | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

Background Information

CD62L, also known as L-selectin or SELL, is a member of the selectin family of adhesion molecules that also include CD62E (E-selectin) and CD62P (P-selectin) (PMID: 2663882, 2473156, 1382078). CD62L is a highly glycosylated protein expressed on the surface of most leukocytes, including lymphocytes, neutrophils, monocytes, eosinophils, hematopoietic progenitor cells, and immature thymocytes (PMID: 1694883, 1688580). It mediates the binding of lymphocytes to high endothelial venules (HEV) of peripheral lymph nodes through interactions with a constitutively expressed ligand, and is also involved in lymphocyte, neutrophil, and monocyte attachment to endothelium at sites of inflammation (PMID: 1382078).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|----------|-------------|
| Yang Chen | 41773759 | ACS Nano | WB,IF |

Storage

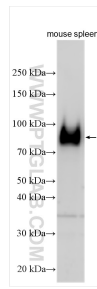
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

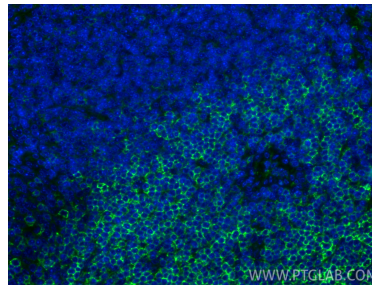
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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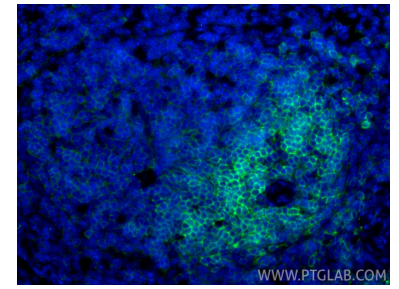
Selected Validation Data



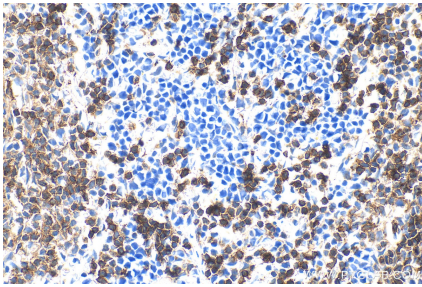
Mouse spleen tissue was subjected to SDS PAGE followed by western blot with 33173-1-AP (CD62L antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using CD62L antibody (33173-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed frozen OCT-embedded mouse spleen tissue using CD62L antibody (33173-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 33173-1-AP (CD62L antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).