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## E-Selectin Rabbit pAb

Catalog Number: bs-1273R

Target Protein: E-Selectin

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human

Predicted MW: 65 kDa

Detected MW: 115 kDa

Entrez Gene: 20339

Swiss Prot: Q00690

Source: KLH conjugated synthetic peptide derived from mouse E-Selectin: 501-612/612.

Purification: affinity purified by Protein A

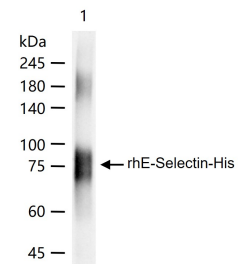
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

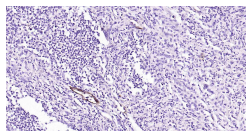
**Background:** The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis. [provided by RefSeq, Jul 2008]

### VALIDATION IMAGES

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100 ng rhE-Selectin-His protein (bs-43646P) per lane probed with E-Selectin polyclonal antibody respectively, unconjugated (bs-1273R) at 1:1000 dilution and 4°C overnight incubation. Followed by corresponding conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with E-Selectin Polyclonal Antibody, Unconjugated (bs-1273R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=6.408] Zhao, Lixin. et al. A nanozyme-based competitive electrochemical immunosensor for the determination of E-selectin. MICROCHIM ACTA. 2022 Nov;189(11):1-10 Other ; Human . 36198886

[IF=4.545] Zhixiong Li et al. Shuxuening injection facilitates neurofunctional recovery via down-regulation of G-CSF-mediated granulocyte adhesion and diapedesis pathway in a subacute stroke Mousemodel. Biomed Pharmacother. 2020 Jul;127:110213. WB ; Mouse . 32417690

[IF=5.201] Qian Liet al. LOX-1 Regulates P. gingivalis-Induced Monocyte Migration and Adhesion to Human Umbilical Vein Endothelial Cells. Front Cell Dev Biol . 2020 Jul 14;8:596. WB ; Human . 32793587

[IF=5.118] Masahiro Terasawa. et al. Anti-Inflammatory Activity of Orally Administered Monostroma nitidum Rhamnan Sulfate against Lipopolysaccharide-Induced Damage to Mouse Organs and Vascular Endothelium. Mar Drugs. 2022 Feb;20(2):121 IHC ; Mouse . 10.3390/md20020121

[IF=4.556] Chou K et al. Secretome of Hypoxic Endothelial Cells Stimulates Bone Marrow-Derived Mesenchymal Stem Cells to Enhance Alternative Activation of Macrophages. Int J Mol Sci. 2020 Jun 21;21(12):4409. Other ; Mouse . 32575834