

E-Selectin Rabbit pAb

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Catalog # AP52241

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q00690
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66750
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse E-Selectin
Epitope Specificity	501-612/612
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	20339
Other Names	E-selectin, CD62 antigen-like family member E, Endothelial leukocyte adhesion molecule 1, ELAM-1, Leukocyte-endothelial cell adhesion molecule 2, LECAM2, CD62E, Sele, Elam-1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Sele
Synonyms	Elam-1
Function	Cell-surface glycoprotein having a role in immunoadhesion. Mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with SELPLG/PSGL1 (PubMed: 1375914). May have a role in capillary morphogenesis.
Cellular Location	Cell membrane; Single-pass type I membrane protein {ECO:0000250 UniProtKB:P16581}

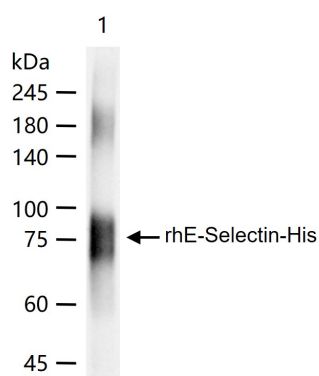
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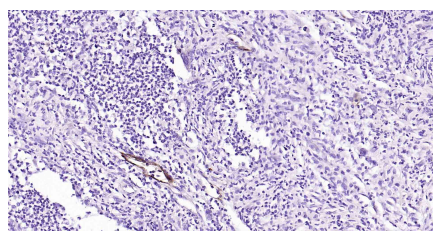
References

Becker-Andre M.,et al.Eur. J. Biochem. 206:401-411(1992).
Weller A.,et al.J. Biol. Chem. 267:15176-15183(1992).

Images



100 ng rhE-Selectin-His protein (AP52241) per lane probed with E-Selectin polyclonal antibody respectively, unconjugated (AP52241) 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 (AP52241) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.