

ARG66977 anti-CD62E / E-Selectin antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD62E / E-Selectin
Tested Reactivity	Hu, Ms
Predict Reactivity	Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD62E / E-Selectin
Species	Human
Immunogen	Synthetic peptide corresponding to the extracellular domain of CD62E / E-Selectin.
Conjugation	Un-conjugated
Alternate Names	E-selectin; CD62E; ELAM-1; ELAM1; CD antigen CD62E; ELAM; Endothelial leukocyte adhesion molecule 1; Leukocyte-endothelial cell adhesion molecule 2; ESEL; LECAM2; CD62 antigen-like family member E

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Umbilical cord	
Observed Size	100-120 kDa	

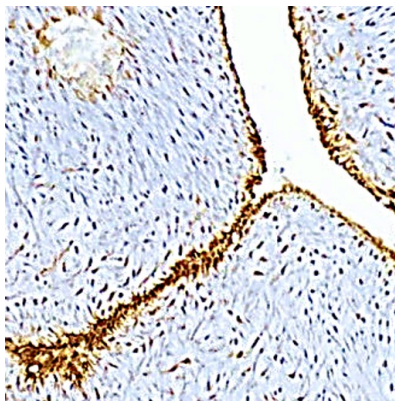
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	100 mM Tris Glycine (pH 7.0), 0.025% ProClin 300 and 20% Glycerol.
Preservative	0.025% ProClin 300
Stabilizer	20% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

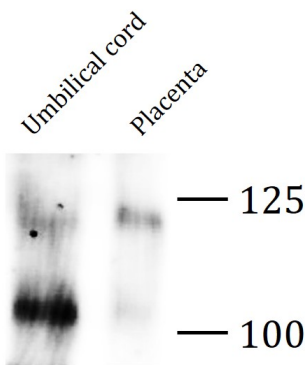
Gene Symbol	SELE
Gene Full Name	selectin E
Background	The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits 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]
Function	Cell-surface glycoprotein having a role in immunoadhesion. Mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with PSGL1/SELPLG. May have a role in capillary morphogenesis. [UniProt]
Calculated Mw	67 kDa

Images



ARG66977 anti-CD62E / E-Selectin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human umbilical cord tissue stained with ARG66977 anti-CD62E / E-Selectin antibody at 1:100 dilution. Antigen Retrieval: Boil tissue section in Citrate buffer (pH 6.0).



ARG66977 anti-CD62E / E-Selectin antibody WB image

Western blot: 50 µg of Human umbilical cord and Human Placenta (negative control) tissue lysate stained with ARG66977 anti-CD62E / E-Selectin antibody at 1:1000 dilution, overnight at 4°C.