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SELE Antibody (Ascites)
Mouse Monoclonal Antibody (Mab)
Catalog # AM2139a

Specification

SELE Antibody (Ascites) - Product Information

Application	**WB,E**
Primary Accession	P16581
Other Accession	NP_000441.2
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgM**
Calculated MW	**66655**

SELE Antibody (Ascites) - Additional Information

Gene ID 6401

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, ELAM1

Target/Specificity
Purified His-tagged SELE protein(Fragment) was used to produced this monoclonal antibody.

Dilution
WB~~1:500~1000

Format
Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SELE Antibody (Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

SELE Antibody (Ascites) - Protein Information

Name SELE

Synonyms ELAM1

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. May

have a role in capillary morphogenesis.

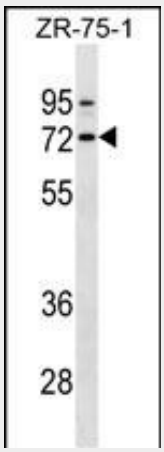
Cellular Location
Cell membrane; Single-pass type I membrane protein

SELE Antibody (Ascites) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SELE Antibody (Ascites) - Images



SELE Antibody (Ascites)(Cat. #AM2139a) western blot analysis in ZR-75-1 cell line lysates (35µg/lane).This demonstrates the SELE antibody detected the SELE protein (arrow).

SELE Antibody (Ascites) - 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.

SELE Antibody (Ascites) - References

Palmer, C.N., et al. Diabetes 59(11):2945-2948(2010)

Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Wayman, A.M., et al. Biophys. J. 99(4):1166-1174(2010)
Wang, Z., et al. BMC Med. Genet. 11, 127 (2010) :