Recombinant CD62E / Selectin E (SELE) / ELAM-1 Antibody

Mouse Monoclonal Antibody [Clone r16G4]

Catalog No	Format	Size
6401-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6401-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6401-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

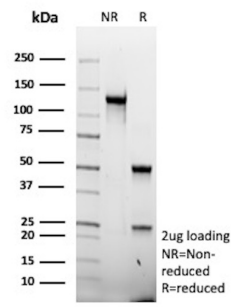
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

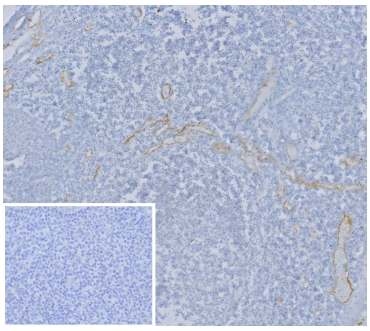
Clone	r16G4
Gene Name	SELE
Immunogen	Prokaryotic recombinant fusion protein corresponding to the cysteine-rich complement control protein domains of the CD62E molecule
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	115kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Human bone marrow, lymph node, inflamed tonsil, heart or liver.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant CD62E / Selectin E (SELE) / ELAM-1 Antibody



SDS-PAGE Analysis of Purified E-Selectin / CD62E Recombinant Mouse Monoclonal Antibody (r16G4). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human tonsil stained with E-Selectin / CD62E Recombinant Mouse Monoclonal Antibody (r16G4). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

CD62E is also known as endothelial leukocyte adhesion molecule-1 (ELAM-1) or E-selectin. It is a type I membrane protein that belongs to the selectin family of surface molecules (along with CD62L and CD62P). CD62E is expressed on cytokine induced endothelial cells and mediates their binding to leukocytes. Like other selectins, CD62E is an adhesion molecule that contributes to the initial tethering and rolling of leukocytes on endothelial surfaces, a prerequisite for leukocyte extravasation into tissues. The main ligands recognized by CD62E are oligosaccharides related to sialyl-lewis X.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immunology, Infectious Disease

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.