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10-3556: Monoclonal Antibody to human E-selectin(Discontinued)

Clonality :	Monoclonal
Clone Name :	ENA1
Application :	IP,IHC-Fr
Reactivity :	Human
Gene :	SELE
Gene ID :	6401
Uniprot ID :	P16581
Alternative Name :	ELAM1, CD62E, CD62 antigen-like family member E, Endothelial leukocyte adhesion molecule 1, Leukocyte-endothelial cell adhesion molecule 2
Isotype :	Mouse IgG1

Description

ENA1 reacts with E-selectin CD62-E, previous designated the Endothelial Leucocyte Adhesion Molecule-1 (ELAM-1). The antibody reacts with human endothelial cells activated with TNF-alpha, IL-1 or endotoxin. The antibody was found to react also with cells transfected with the E-selectin gene. The antibody inhibits the adhesion of granulocytes both neutrophilic and eosinophilic.

Product Info

Amount :	selectin(Discontinued) / 500 µg
Content :	0.5 mg 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
Storage condition :	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

Application Note

For immunohistology dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10. In vitro cultured cells can be fixed with 1% paraformaldehyde and kept in PBS plus azide before staining. Tissue sections are advised to be fixed for 10 min in pure acetone and followed by incubation for 10 min in chloroform. Incubation with a pretested dilution of the antibody is advised to be followed by a biotin conjugated anti-murine Ig and a further incubation with an enzyme (alkaline phosphatase) conjugated streptavidin. For selection of the most useful dilution in a given situation a test staining with cells or tissue known to express the antigen should be performed. To this end either cultured endothelial cells or a small fresh skin biopsy can be incubated for 4 hours with TNF-alpha (1 ng/ml), IL-1 (100 U/ml) or LPS (1 µg/ml) in tissue culture medium at 37 °C. As negative control it is advised to use a control murine IgGantibody.