

E-selectin / CD62E Polyclonal antibody

Catalog Number: 30205-1-AP

Basic Information

Catalog Number: 30205-1-AP	GenBank Accession Number: BC142711	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 6401	Recommended Dilutions: IHC 1:500-1:2000 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: P16581	
Isotype: IgG	Full Name: selectin E	
Immunogen Catalog Number: AG31820	Calculated MW: 610 aa, 67 kDa	

Applications

Tested Applications: IF-P, IHC, ELISA	Positive Controls:
Species Specificity: Human	IHC : human appendicitis tissue, IF-P : human appendicitis tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

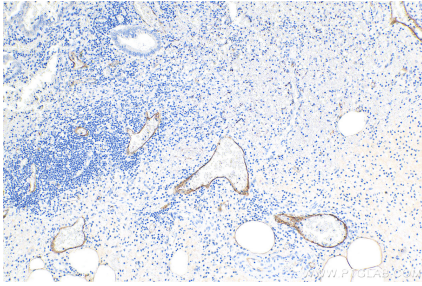
Background Information

E-selectin, also known as ELAM-1 or CD62E, is a member of the selectin family of adhesion molecules that also includes L-selectin and P-selectin. E-selectin is an inducible endothelial cell surface molecule. Its expression on endothelial cells is transcriptionally upregulated by various proinflammatory substances such as IL-1, TNF α and lipopolysaccharide (LPS). Besides, it can be secreted by endothelial cells, and can be detected in a soluble form (sE-selectin) in serum. During inflammation, E-selectin plays an important part in recruiting leukocytes to the site of injury. (PMID: 2827173; 1382417; 8943958)

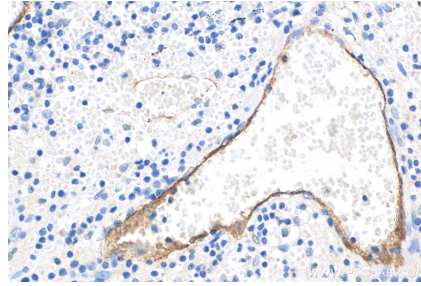
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

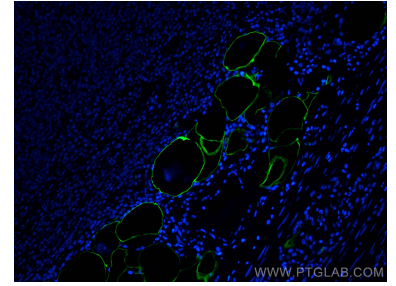
Selected Validation Data



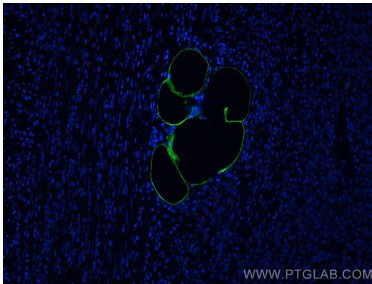
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 30205-1-AP (E-selectin / CD62E antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 30205-1-AP (E-selectin / CD62E antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human appendicitis tissue using E-selectin / CD62E antibody (30205-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human appendicitis tissue using E-selectin / CD62E antibody (30205-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).