

E-selectin / CD62E Polyclonal antibody

Catalog Number: 20894-1-AP

41 Publications

Basic Information

Catalog Number:

20894-1-AP

Size:

150ul, Concentration: 350 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14944

GenBank Accession Number:

BC142711

GeneID (NCBI):

6401

UNIPROT ID:

P16581

Full Name:

selectin E

Calculated MW:

610 aa, 67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:2000-1:8000

Applications

Tested Applications:

FC, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

IHC : human tonsillitis tissue, 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)

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaohui Zhou	32935825	Clinics (Sao Paulo)	WB
Zhen Tan	36478888	Exp Ther Med	WB
Juan Feng	34743931	Fitoterapia	WB

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

*** 20ul sizes contain 0.1% BSA

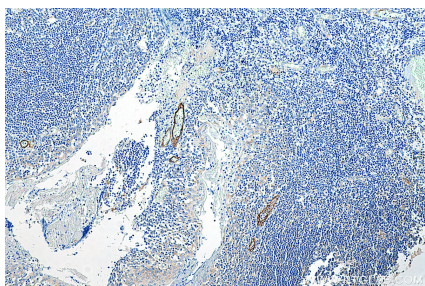
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

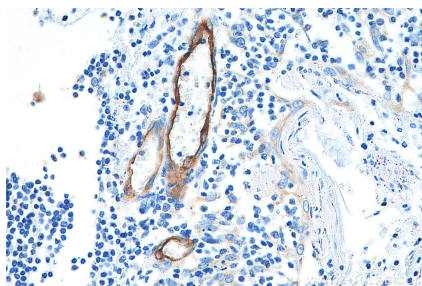
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

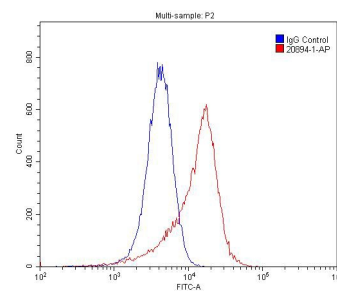
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 20894-1-AP (E-selectin / CD62E antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 20894-1-AP (E-selectin / CD62E antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HUVEC cells were stained with 0.2ug E-selectin / CD62E antibody (20894-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.