

For Research Use Only

# P-selectin / CD62P Polyclonal antibody

Catalog Number: 13304-1-AP

9 Publications



## Basic Information

### Catalog Number:

13304-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4124

### GenBank Accession Number:

BC028067

### GeneID (NCBI):

6403

### UNIPROT ID:

P16109

### Full Name:

selectin P (granule membrane protein 140kDa, antigen CD62)

### Calculated MW:

830 aa, 91 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human

### Cited Species:

human, mouse

### Positive Controls:

WB : Human peripheral blood platelets,

IHC : human spleen tissue, human tonsillitis tissue, human lung cancer 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

P-selectin, also known as GMP140 or CD62P, is a transmembrane glycoprotein that mediates the interaction of activated endothelial cells or platelets with leukocytes. It is an adhesion molecule involved in the pathogenesis of inflammation, thrombosis, and oncogenesis. P-selectin is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yanhong Duo	35543331	ACS Appl Mater Interfaces	WB
Shihua Zhang	34102007	Immun Inflamm Dis	IF,FC
Jia-Cheng Li	36051331	World J Gastroenterol	FC

## 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

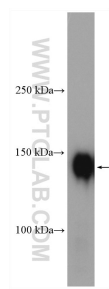
For technical support and original validation data for this product please contact:

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

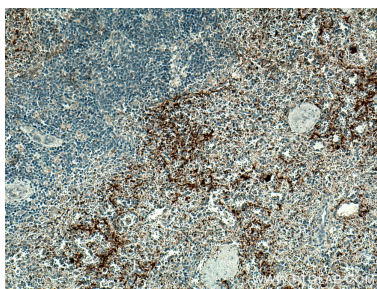
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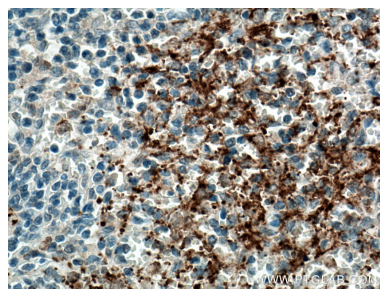
Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 13304-1-AP (P-selectin / CD62P antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 13304-1-AP (P-selectin / CD62P antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 13304-1-AP (P-selectin / CD62P antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).