

For Research Use Only

# P-selectin / CD62P Polyclonal antibody

Catalog Number: 13304-1-AP

9 Publications



## Basic Information

**Catalog Number:**

13304-1-AP

**Size:**

400 µg/ml

**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

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

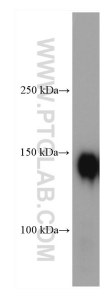
T: 4006900926

E: Proteintech-CN@ptglab.com

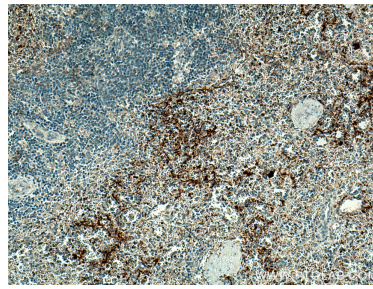
W: ptgcn.com

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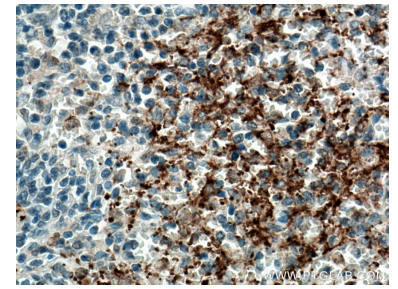
## Selected Validation Data



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).