

For Research Use Only

P-selectin Polyclonal antibody

Catalog Number: 13304-1-AP **2 Publications**



Basic Information

Catalog Number: 13304-1-AP	GenBank Accession Number: BC028067	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6403	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: selectin P (granule membrane protein 140kDa, antigen CD62)	
Isotype: IgG	Calculated MW: 830 aa, 91 kDa	
Immunogen Catalog Number: AG4124		

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: FC, IF, WB	WB: Human peripheral blood platelets,
Species Specificity: human	IHC: human spleen tissue, human tonsillitis tissue, human lung cancer tissue
Cited Species: human, mouse	
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

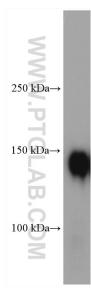
Storage

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

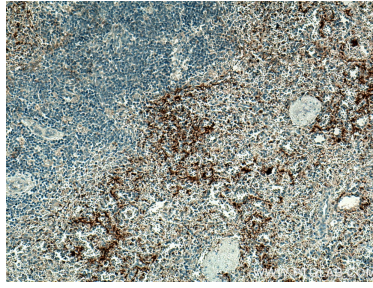
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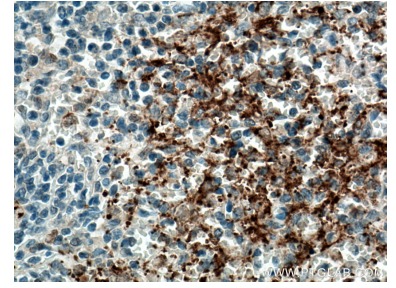
Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 13304-1-AP (P-selectin 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 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 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).