

For Research Use Only

# P-selectin / CD62P Monoclonal antibody, PBS Only



Catalog Number: 60322-1-PBS

## Basic Information

<b>Catalog Number:</b> 60322-1-PBS	<b>GenBank Accession Number:</b> BC028067	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 6403	<b>CloneNo.:</b> 3G2C7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P16109	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> selectin P (granule membrane protein 140kDa, antigen CD62)	
<b>Immunogen Catalog Number:</b> AG4124	<b>Calculated MW:</b> 830 aa, 91 kDa	
	<b>Observed MW:</b> 140 kDa, 105-110 kDa	

## Applications

**Tested Applications:**  
WB,IP,Indirect ELISA

**Species Specificity:**  
human

## 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.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

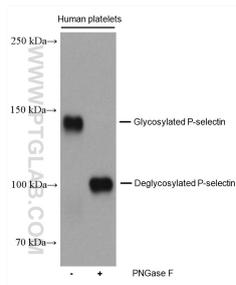
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

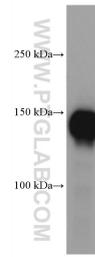
W: [ptgcn.com](http://ptgcn.com)

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

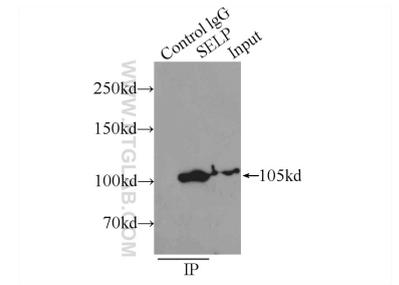
## Selected Validation Data



Untreated and PNGase F-treated lysates of human platelets were subjected to SDS PAGE followed by western blot with 60322-1-Ig (P-selectin / CD62P antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808). This data was developed using the same antibody clone with 60322-1-PBS in a different storage buffer formulation.



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IP result of anti-P-selectin / CD62P (IP:60322-1-Ig, 5ug; Detection:60322-1-Ig 1:600) with K-562 cells lysate 1760ug. This data was developed using the same antibody clone with 60322-1-PBS in a different storage buffer formulation.