

## P-Selectin Antibody / SELP / CD62P (R30805)

Catalog No.	Formulation	Size
R30805	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P16109
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This CD62P antibody is available for research use only.



Western blot testing of P-Selectin antibody and PANC lysate; The protein is visualized from 86~140 kDa due to glycosylation.

## Description

P-Selectin, also called CD62P, GRMP, and GMP140 is a 140-kD adhesion molecule, expressed at the surface of activated cells, that mediates the interaction of activated endothelial cells or platelets with leukocytes. The gene is mapped on 1q24.2. P-selectin plays an essential role in the initial recruitment of leukocytes (white blood cells) to the site of injury during inflammation. P-Selectin is also very important in the recruitment and aggregation of platelets at areas of vascular injury. In quiescent platelet, the protein is located on the inner wall of alpha-granules. Sorting nexin-17 interacts with the cytosolic domain of P-selectin and suggested that SNX17 may function in the intracellular trafficking of P-selectin.

Expression was found to be significantly and positively correlated with carotid artery stiffness and wall thickness, and the percentage of P-selectin-positive platelets was significantly higher in patients with carotid plaque.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the P-Selectin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the N-terminus of human P-Selectin (KAYSWNISRKYCQNRD) was used as the immunogen for this P-Selectin antibody.

## Storage

After reconstitution, the P-Selectin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.