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

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P16109
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	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 (KAYSWNISRKYCQNRYTD) 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.