

#### SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5)

Mouse Monoclonal Antibody Catalog # ALS12883

### **Specification**

## SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) - Product Information

Application IHC
Primary Accession P16109
Reactivity Human, Pig
Host Mouse
Clonality Monoclonal
Calculated MW 91kDa KDa

### SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) - Additional Information

#### **Gene ID** 6403

#### **Other Names**

P-selectin, CD62 antigen-like family member P, Granule membrane protein 140, GMP-140, Leukocyte-endothelial cell adhesion molecule 3, LECAM3, Platelet activation dependent granule-external membrane protein, PADGEM, CD62P, SELP, GMRP, GRMP

# **Target/Specificity**

Recognizes the CD62P cell surface antigen, a 140kD glycoprotein also known as P-selectin. CD62P is expressed by activated platelets and endothelial cells, and plays an important role in adhesive processes between leucocytes and endothelial cells. To ...

# **Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

#### **Precautions**

SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) is for research use only and not for use in diagnostic or therapeutic procedures.

## SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) - Protein Information

### **Name SELP**

Synonyms GMRP, GRMP

#### **Function**

Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with SELPLG.

#### **Cellular Location**

Cell membrane; Single-pass type I membrane protein



#### **Tissue Location**

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

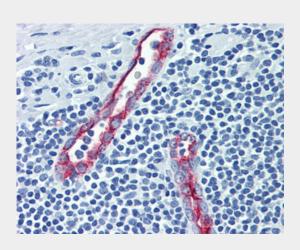
Volume 250 μl

## SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) - Images



Anti-CD62P antibody IHC of human tonsil.

## SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) - Background

Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1.

# SELP / P-Selectin / CD62P Antibody (clone Psel.KO.2.5) - References

Johnston G.I.,et al.Cell 56:1033-1044(1989). Gregory S.G.,et al.Nature 441:315-321(2006). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Fujimoto T.,et al.J. Biol. Chem. 268:11394-11400(1993). Sako D.,et al.Cell 83:323-331(1995).