

**Anti-CD162 (Selectin P Ligand) Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # AH13508**

**Specification**

**Anti-CD162 (Selectin P Ligand) Antibody - Product Information**

Application	,14,3,4,
Primary Accession	<a href="#">Q14242</a>
Other Accession	<a href="#">591014</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1
Calculated MW	43201

**Anti-CD162 (Selectin P Ligand) Antibody - Additional Information**

**Gene ID** 6404

**Other Names**

CD162; CLA; Cutaneous lymphocyte associated antigen; P-selectin glycoprotein ligand 1; PSGL1; Selectin P ligand; SELPLG

**Format**

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

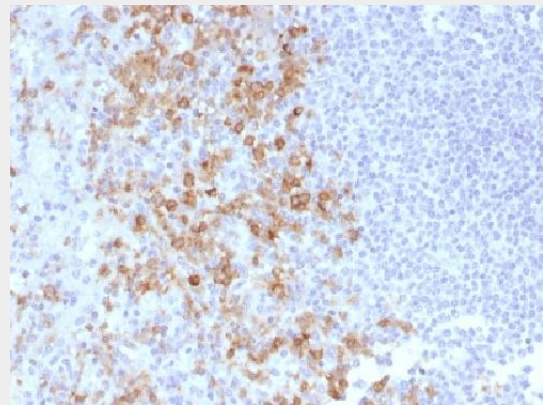
Anti-CD162 (Selectin P Ligand) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CD162 (Selectin P Ligand) Antibody - Protein Information**

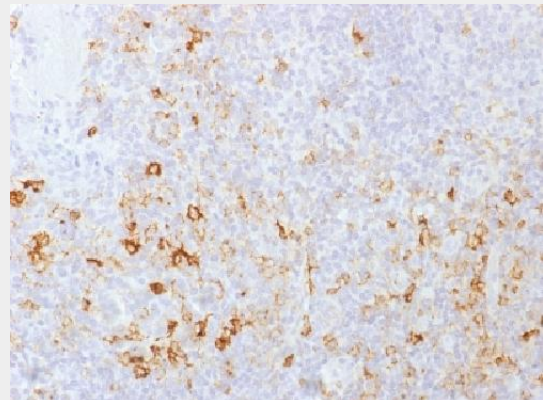
**Name** SELPLG

**Function**

A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent



Formalin-fixed, paraffin-embedded human Spleen stained with CD162 Monoclonal Antibody (PSGL1/1601).



Formalin-fixed, paraffin-embedded human Tonsil stained with CD162 Monoclonal Antibody (PSGL1/1601).

**Anti-CD162 (Selectin P Ligand) Antibody - Background**

CD162 glycoprotein functions as a high affinity counter-receptor for the cell adhesion molecules P-, E- and L- selectin expressed on myeloid cells and stimulated T lymphocytes. As such, this protein plays a critical role in leukocyte trafficking during inflammation by tethering of leukocytes to activated platelets or endothelia expressing selectins. This protein

interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation. Critical for the initial leukocyte capture.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Expressed on neutrophils, monocytes and most lymphocytes

requires two post-translational modifications, tyrosine sulfation and the addition of the sialyl Lewis x tetrasaccharide (sLex) to its O-linked glycans, for its high-affinity binding activity. Aberrant expression of this gene and polymorphisms in this gene are associated with defects in the innate and adaptive immune response.

**Anti-CD162 (Selectin P Ligand) Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)