

SELPLG / PSGL-1 / CD162 Antibody (clone TC2)
Mouse Monoclonal Antibody
Catalog # ALS13479**Specification**

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) - Product Information

Application	IHC
Primary Accession	Q14242
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	43kDa KDa

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) - Additional Information**Gene ID** 6404**Other Names**

P-selectin glycoprotein ligand 1, PSGL-1, Selectin P ligand, CD162, SELPLG

Target/Specificity

The antibody TC2 reacts with CD162, a 220 kD type I integral membrane protein expressed as disulfide-linked homodimer (sialomucin family). CD162 is present on the most peripheral blood T lymphocytes, monocytes, granulocytes; it is also expressed on a ...

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) is for research use only and not for use in diagnostic or therapeutic procedures.

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) - Protein Information**Name** SELPLG**Function**

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

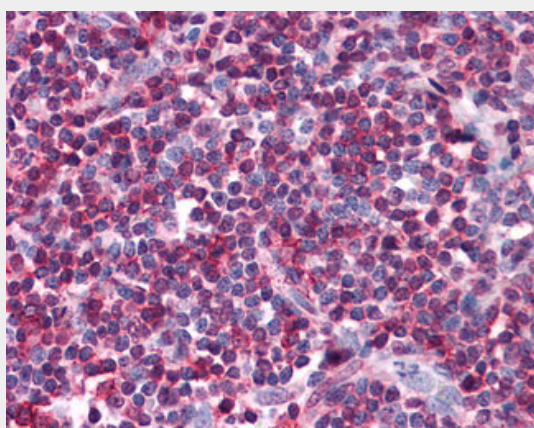
Tissue Location

Expressed on neutrophils, monocytes and most lymphocytes

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) - 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](#)

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) - Images

Anti-SELPLG / CD162 antibody IHC of human tonsil.

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) - Background

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

SELPLG / PSGL-1 / CD162 Antibody (clone TC2) - References

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Sako D., et al. Cell 75:1179-1186(1993).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Scherer S.E., et al. Nature 440:346-351(2006).
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