# CD162 Antibody / PSGL-1 [clone PSGL1/1567] (V5600)

| Catalog No. | Formulation | Size |
|---|---|---|
| V5600-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V5600-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V5600SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgM, kappa |
| **Clone Name** | PSGL1/1567 |
| **Purity** | Protein A/G affinity |
| **UniProt** | Q14242 |
| **Localization** | Membrane |
| **Applications** | Flow cytometry: 1-2ug/million cells<br>Immunofluorescence: 1-3ug/ml |
| **Limitations** | This CD162 antibody is available for research use only. |



## Description

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 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.

For broader research on PSGL-1/CD162 expression, selectin interactions and leukocyte trafficking, see our CD162 Antibody / P-Selectin Glycoprotein Ligand 1 Antibody page.

## Application Notes

Optimal dilution of the CD162 antibody should be determined by the researcher.

## Immunogen

Recombinant human PSGL-1 /CD162 protein was used as the immunogen for the CD162 antibody.

## Storage

Aliquot the CD162 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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