

# **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
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 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.

### **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.