

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

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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.