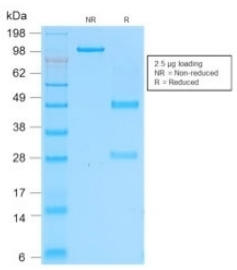
Recombinant CD162 Antibody [clone rPSGL1/1601] (V8394)

Catalog No.	Formulation	Size
V8394-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8394-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8394SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rPSGL1/1601
Purity	Protein G affinity chromatography
UniProt	Q14242
Localization	Cell surface
Applications	ELISA: order Ab without BSA for coating
Limitations	This recombinant CD162 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free recombinant CD162 antibody (clone rPSGL1/1601) as confirmation of integrity and purity.

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 recombinant CD162 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human CD162 protein was used as the immunogen for the recombinant CD162 antibody.

Storage

Store the recombinant CD162 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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