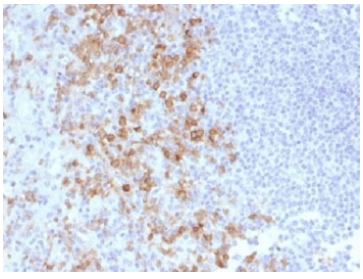
PSGL-1 Antibody / CD162 [clone PSGL1/1601] (V3226)

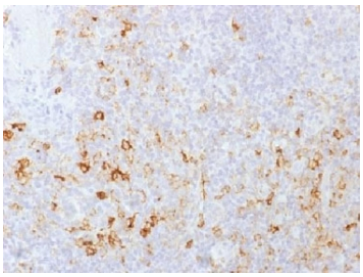
Catalog No.	Formulation	Size
V3226-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3226-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3226SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PSGL1/1601
Purity	Protein G affinity
UniProt	Q14242
Localization	Cell surface
Applications	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Limitations	This PSGL-1 antibody is available for research use only.



IHC testing of FFPE human spleen with PSGL-1 antibody (clone PSGL1/1601). Recommended HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 10-20 min.



IHC testing of FFPE human tonsil with PSGL-1 antibody (clone PSGL1/1601). Recommended HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 10-20 min.

Description

P selectin glycoprotein ligand 1 (PSGL-1), also called 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 PSGL-1 antibody should be determined by the researcher.

Immunogen

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

Storage

Store the PSGL-1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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