

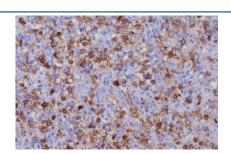
# PSGL-1 Antibody / CD162 [clone PSGL1/8192R] (V4317)

Catalog No.	Formulation	Size
V4317-100UG	0.2~mg/ml in 1X PBS with $0.1~mg/ml$ BSA (US sourced), $0.05%$ sodium azide	100 ug
V4317-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4317SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

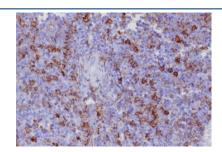
# Recombinant RABBIT MONOCLONAL

# **Bulk quote request**

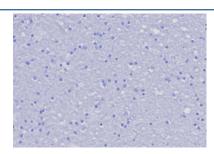
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	PSGL1/8192R
Purity	Protein A/G affinity
UniProt	Q14242
Localization	Cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This PSGL-1 antibody is available for research use only.



IHC staining of FFPE human spleen tissue with PSGL-1 antibody (clone PSGL1/8192R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human tonsil tissue with PSGL-1 antibody (clone PSGL1/8192R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC testing of FFPE human brain tissue with PSGL1 antibody (clone PSGL1/8192R) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### **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 PSGL-1 antibody should be determined by the researcher.

## **Immunogen**

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

#### **Storage**

Aliquot the PSGL-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.