

Datasheet for ABIN6940571

anti-SELPLG antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SELPLG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SELPLG antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human SELPLG (CD162) protein
Clone:	PSGL1-1601
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	SELPLG
Alternative Name:	SELPLG (SELPLG Products)
Background:	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

Target Details

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.

Molecular Weight: 43-120kDa

Gene ID: 6404

UniProt: [Q14242](#)

Application Details

Application Notes: Positive Control: Jurkat cells. Tonsil or Spleen.
Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

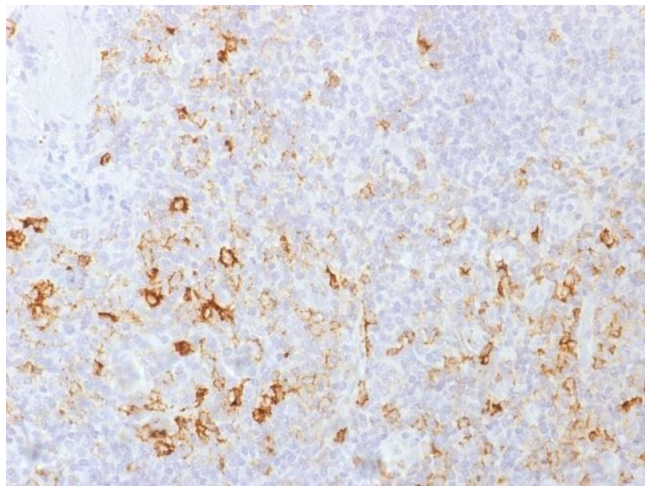
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

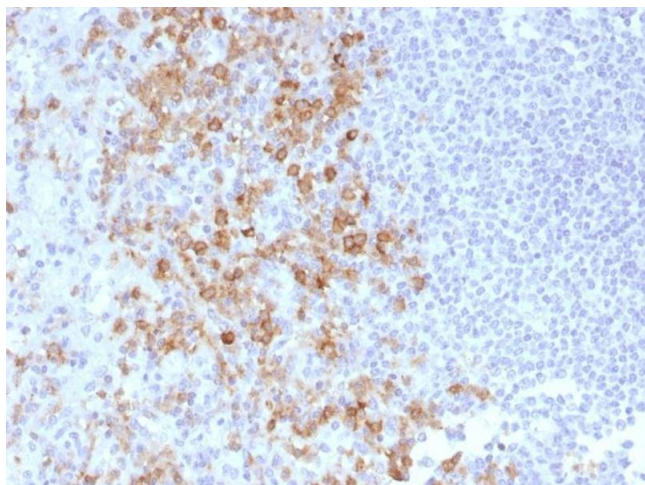
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Tonsil stained with CD162 Monoclonal Antibody (PSGL1/1601).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Spleen stained with CD162 Monoclonal Antibody (PSGL1/1601).