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36-3145: Anti-CD162 (Selectin P Ligand) Monoclonal Antibody(Clone: PSGL1/1601)

Clonality: Monoclonal
Clone Name: PSGL1/1601

Application: IHC
Reactivity: Human
Gene: SELPLG
Gene ID: 6404
Uniprot ID: Q14242

Alternative Name: CD162; CLA; Cutaneous lymphocyte associated antigen; P-selectin glycoprotein ligand 1; PSGL1;

Selectin P ligand; SELPLG

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human SELPLG (CD162) protein

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.

Product Info

Amount : 20 μg / 100 μg

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition:

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.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

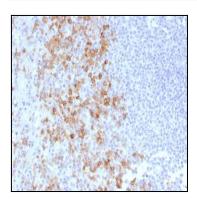


Fig. 1: Formalin-fixed, paraffin-embedded human Spleen stained with CD162 Monoclonal Antibody (PSGL1/1601).





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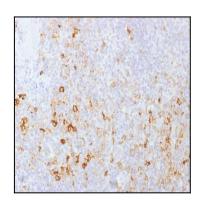


Fig. 2: Formalin-fixed, paraffin-embedded human Tonsil stained with CD162 Monoclonal Antibody (PSGL1/1601).