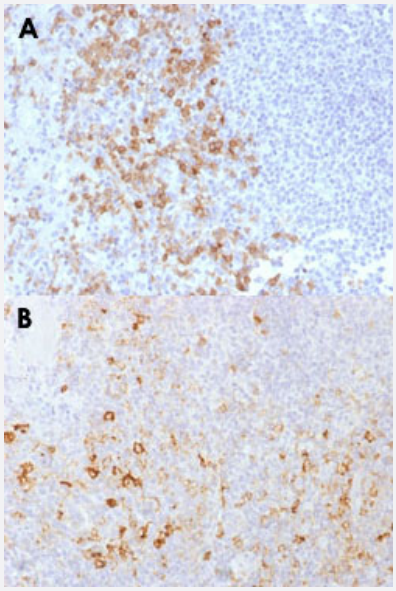
SELPLG monoclonal antibody, clone PSGL1/1601

Catalog # MAB14985 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen (A) and human tonsil (B) with SELPLG monoclonal antibody, clone PSGL1/1601 (Cat # MAB14985).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human SELPLG.
Immunogen	Recombinant protein corresponding to full length human SELPLG.
Host	Mouse
Theoretical MW (kDa)	43-120
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1

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Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen (A) and human tonsil (B) with SELPLG monoclonal antibody, clone PSGL1/1601 (Cat # MAB14985).

- Immunofluorescence

- Flow Cytometry

Gene Info — SELPLG

Entrez GeneID	6404
Protein Accession#	Q14242
Gene Name	SELPLG
Gene Alias	CD162, CLA, PSGL-1, PSGL1
Gene Description	selectin P ligand
Omim ID	600738
Gene Ontology	Hyperlink
Gene Summary	SELPLG is the high affinity counter-receptor for P-selectin on myeloid cells and stimulated T lymp hocytes. As such, it plays a critical role in the tethering of these cells to activated platelets or endot helia expressing P-selectin. The organization of the SELPG gene closely resembles that of CD43 and the human platelet glycoprotein GpIb-alpha both of which have an intron in the 5-prime-nonco ding region, a long second exon containing the complete coding region, and TATA-less promoter s. [provided by RefSeq
Other Designations	cutaneous lymphocyte-associated associated antigen

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Publication Reference

- Structure and function of the selectin ligand PSGL-1.

  Cummings RD.

  Brazilian Journal of Medical and Biological Research 1999 May; 32(5):519.

- The biology of P-selectin glycoprotein ligand-1: its role as a selectin counterreceptor in leukocyte-endothelial and leukocyte-platelet interaction.

  Yang J, Furie BC, Furie B.

  Thrombosis and Haemostasis 1999 Jan; 81(1):1.

  Application: Func, IHC, WB-Tr, Human, Rat, Kidneys, Mammalian cells

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Antiphospholipid Syndrome
- Atherosclerosis
- Birth Weight
- Cardiovascular Diseases
- Cerebrovascular Accident
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma

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- Glioma
- Hemorrhagic Disorders
- Inflammation
- Ischemia
- Leukemia
- Lymphoma
- Meningeal Neoplasms
- Meningioma
- Multiple Sclerosis
- Myocardial Infarction
- Myocardial Ischemia
- Stroke
- Thromboembolism
- Thrombosis
- Venous Thrombosis

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