

SELPLG rabbit monoclonal antibody

Catalog # H00006404-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SELPLG peptide using ARM Technology.
Immunogen	A synthetic peptide of human SELPLG is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SELPLG peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SELPLG

Entrez GeneID	6404
GeneBank Accession#	SELPLG
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 lymphocytes. As such, it plays a critical role in the tethering of these cells to activated platelets or endothelial cells expressing P-selectin. The organization of the SELPG gene closely resembles that of CD43 and the human platelet glycoprotein Gplb-alpha both of which have an intron in the 5-prime-noncoding region, a long second exon containing the complete coding region, and TATA-less promoter sequence. [provided by RefSeq]
Other Designations	cutaneous lymphocyte-associated antigen

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](#)
- [Glioma](#)
- [Hemorrhagic Disorders](#)
- [Inflammation](#)
- [Ischemia](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)