SELP monoclonal antibody, clone AK4

Catalog # MAB10170 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against SELP.
Immunogen	Human platelets.
Host	Mouse
Theoretical MW (kDa)	140
Reactivity	Human, Non-Human Primates
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (1.5 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunocytochemistry
- Immunoprecipitation
- Functional Study

- Flow Cytometry

Gene Info — SELP

Entrez GeneID	6403
Gene Name	SELP
Gene Alias	CD62, CD62P, FLJ45155, GMP140, GRMP, LECAM3, PADGEM, PSEL
Gene Description	selectin P (granule membrane protein 140kDa, antigen CD62)
Omim ID	147050 173610
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented. [provided by RefSeq
Other Designations	OTTHUMP00000032609|antigen CD62|granulocyte membrane protein|leukocyte-endothelial cell adhesion molecule 3|platelet alpha-granule membrane protein|selectin P|selectin P (granule membrane protein 140kD, antigen CD62)

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Adenocarcinoma
- Albuminuria
- Alzheimer disease
- Anemia
- Asthma
- Atherosclerosis

- Birth Weight
- Blood Coagulation Disorders
- Brain Ischemia
- Bronchial Hyperreactivity
- Bronchopulmonary Dysplasia
- Calcinosis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chlamydia Infections
- Chorioamnionitis
- Cognition Disorders
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Glomerulonephritis

- HELLP Syndrome
- Hemorrhage
- Hypercholesterolemia
- Hyperlipidemias
- Hyperlipoproteinemias
- Hypersensitivity
- Hypertension
- Hypertriglyceridemia
- Inflammation
- Intracranial Arteriosclerosis
- Ischemia
- Kidney Failure
- Leukemia
- Lupus Erythematosus
- Meningeal Neoplasms
- Meningioma
- Metabolic Diseases
- Metabolic Syndrome X
- Migraine Disorders
- Multiple Sclerosis
- Myocardial Infarction
- Neoplasms
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Osteoporosis

- Overweight
- Postoperative Hemorrhage
- Pre-Eclampsia
- Premature Birth
- Pulmonary Embolism
- Recurrence
- Sepsis
- Stroke
- Thromboembolism
- Thrombosis
- Trachoma
- Venous Thrombosis
- Werner syndrome