



P-Selectin Monoclonal Antibody

Catalog No	YP-mAb-17100
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SELP
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human SELP. AA range:81-130
Specificity	P-Selectin Monoclonal Antibody detects endogenous levels of P-Selectin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD62P;P-selectin;AK4;CD62 antigen-like family member P;GMP 140;SELP;GMRP;GRMP;Granule membrane protein 140;GMP-140;Leukocyte-endothelial cell adhesion molecule 3;LECAM3;Platelet activation dependent granule-external membrane protein;PADGEM
Observed Band	91kD
Calculated Molecular Weight	91kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.
Function	disease:Defects in SELP may be a cause of susceptibility to ischemic stroke [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.,function:Ca(2+)-dependent receptor for myeloid



cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1.,online informati

Background

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, Jul 2008],

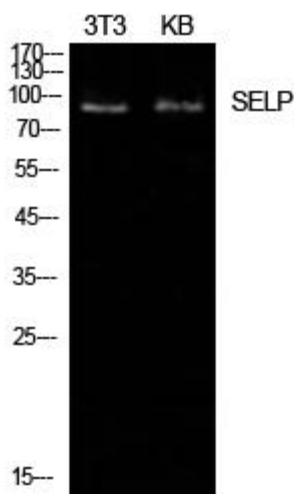
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using P-Selectin Monoclonal Antibody