



MMRN1 rabbit pAb

Catalog No	YP-Ab-09114
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	MMRN1 ECM EMILIN4 GPIA* MMRN
Immunogen	Synthesized peptide derived from human MMRN1 AA range: 963-1013
Specificity	This antibody detects endogenous levels of MMRN1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ECM;EMILIN 4;EMILIN4;Endothelial cell multimerin;GPIa*;MMRN;MMRN1;multimerin 1;p 155;p155;MMRN1 ECM EMILIN4 GPIA* MMRN
Observed Band	135kD
Calculated Molecular Weight	
Cell Pathway	Secreted .
Tissue Specificity	Synthesized by endothelial cells and megakaryocytes. Stored in platelet alpha granules and endothelial cell Weibel-Palade bodies, following activation of these cells, it is released and attached to megakaryocytes, platelets, endothelium and subendothelium of blood vessels. Not found in plasma. Found in vascular tissues such as placenta, lung, and liver.
Function	disease:Deficiency in multimerin-1 due to proteolytic degradation within the platelet alpha granules is associated with an autosomal dominant bleeding disorder (factor V Quebec).,function:Carrier protein for platelet (but not plasma) factor V/Va. Plays a role in the storage and stabilization of factor V in platelets. Upon release following platelet activation, may limit platelet and plasma factor Va-dependent thrombin generation. Ligand for integrin alpha-IIb/beta-3 and integrin alpha-V/beta-3 on activated platelets, and may function as an extracellular matrix or adhesive protein.,PTM:Extensively N-glycosylated.,



PTM: The N-terminus is blocked., similarity: Contains 1 C1q domain., similarity: Contains 1 EGF-like domain., similarity: Contains 1 EMI domain., subunit: Multimeric. Composed of varying sized, disulfide-linked multimers, the smallest of which is a homotrimer. Proteolysis of the promultimer

Background

Multimerin is a massive, soluble protein found in platelets and in the endothelium of blood vessels. It is comprised of subunits linked by interchain disulfide bonds to form large, variably sized homomultimers. Multimerin is a factor V/Va-binding protein and may function as a carrier protein for platelet factor V. It may also have functions as an extracellular matrix or adhesive protein. Recently, patients with an unusual autosomal-dominant bleeding disorder (factor V Quebec) were found to have a deficiency of platelet multimerin. [provided by RefSeq, Jul 2008],

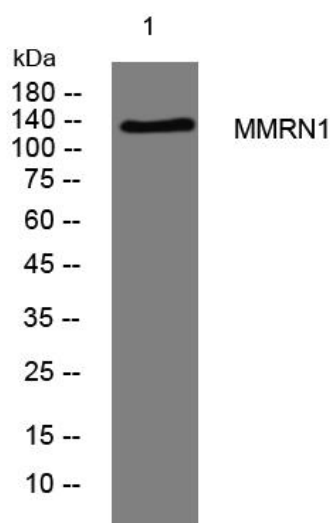
matters needing attention

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 lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night