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MMRN1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant MMRN1.
Catalog # AT2883a

Product Information

Application	WB, E
Primary Accession	Q13201
Other Accession	NM_007351
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	4B9
Calculated MW	138110

Additional Information

Gene ID	22915
Other Names	Multimerin-1, EMILIN-4, Elastin microfibril interface located protein 4, Elastin microfibril interfacer 4, Endothelial cell multimerin, Platelet glycoprotein Ia*, 155 kDa platelet multimerin, p-155, p155, MMRN1, ECM, EMILIN4, GPIA*, MMRN
Target/Specificity	MMRN1 (NP_031377, 291 a.a. ~ 390 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MMRN1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

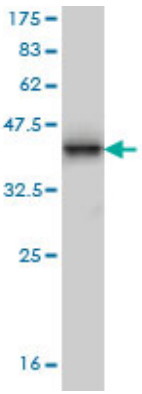
Background

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.

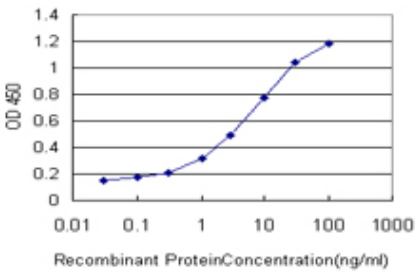
References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.Genome-wide association study reveals genetic risk underlying Parkinson's disease. Sim?n-S?nchez J, et al. Nat Genet, 2009 Dec. PMID 19915575.Platelet adhesion to multimerin 1 in vitro: influences of platelet membrane receptors, von Willebrand factor and shear. Tasneem S, et al. J Thromb Haemost, 2009 Apr. PMID 19175495.Multimerin 1 binds factor V and activated factor V with high affinity and inhibits thrombin generation. Jeimy SB, et al. Thromb Haemost, 2008 Dec. PMID 19132231.Location of the multimerin 1 binding site in coagulation factor V: an update. Jeimy SB, et al. Thromb Res, 2008. PMID 18452976.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged MMRN1 is approximately 0.1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.