

MMRN1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant MMRN1.****Catalog # AT2883a****Specification**

MMRN1 Antibody (monoclonal) (M02) - Product Information

Application	WB, E
Primary Accession	Q13201
Other Accession	NM_007351
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	138110

MMRN1 Antibody (monoclonal) (M02) - 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

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.

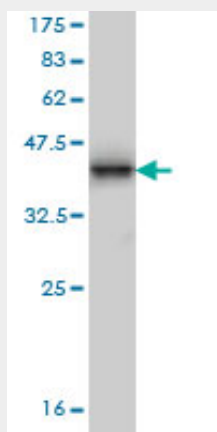
MMRN1 Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

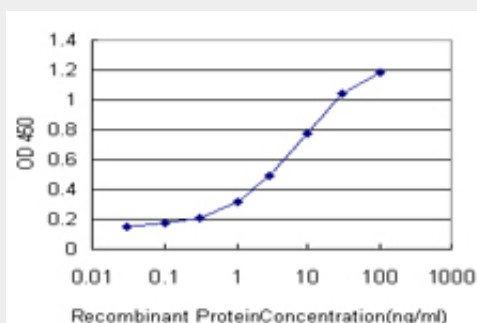
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MMRN1 Antibody (monoclonal) (M02) - Images



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



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

MMRN1 Antibody (monoclonal) (M02) - 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.

MMRN1 Antibody (monoclonal) (M02) - 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. Simón-Sánchez 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.