

MMRN1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17087a**Specification**

MMRN1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O13201](#)**MMRN1 Antibody (N-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MMRN1 Antibody (N-term) Blocking Peptide - Protein Information**Name** MMRN1**Synonyms** ECM, EMILIN4, GPIA*, MMRN**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.

Cellular Location

Secreted. Note=O-fucosylation of Thr-216 and Thr- 1055 is important for protein secretion.

Tissue Location

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.

MMRN1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MMRN1 Antibody (N-term) Blocking Peptide - Images**MMRN1 Antibody (N-term) Blocking Peptide - 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 (N-term) Blocking Peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Simon-Sanchez, J., et al. Nat. Genet. 41(12):1308-1312(2009) Tasneem, S., et al. J. Thromb. Haemost. 7(4):685-692(2009) Jeimy, S.B., et al. Thromb. Haemost. 100(6):1058-1067(2008) Jeimy, S.B., et al. Thromb. Res. 123(2):352-354(2008)