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MMRN2 Rabbit pAb

Catalog # AP99075

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H8L6
Other Accession	Q9H8L6
Reactivity	Rat
Predicted	Human, Mouse, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104409
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MMRN2
Epitope Specificity	361-460/949
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 C1q domain. Contains 1 EMI domain.
SUBUNIT	Heteromer of p110, p125, p140 and p200 subunits;disulfide-linked. Interacts with VEGFA.
Post-translational modifications	N- and O-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein belonging to the member of elastin microfibril interface-located (EMILIN) protein family. This family member is an extracellular matrix glycoprotein that can interfere with tumor angiogenesis and growth. It serves as a transforming growth factor beta antagonist and can interfere with the VEGF-A/VEGFR2 pathway. A related pseudogene has been identified on chromosome 6. [provided by RefSeq, Aug 2012]

Additional Information

Gene ID	79812
Other Names	EMILIN-3; EMILIN3; ENDOGLYX-1; MMRN2_HUMAN; MMRN2; Elastin microfibril interface located protein 3 (Elastin microfibril interfacer 3); EndoGlyx-1 p125/p140 subunit; multimerin 2; elastin microfibril interfacer 3; EndoGlyx-1 p125/p140
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MMRN2
Synonyms	EMILIN3
Function	Extracellular matrix protein (PubMed: 22020326, PubMed:28671670, PubMed:28912033). Affects several essential steps in angiogenesis including endothelial cell proliferation, migration, and tube formation (PubMed:22020326, PubMed:28671670, PubMed:28912033). Positively regulates angiogenesis by acting as a ligand for CD93 receptor (PubMed:28671670, PubMed:28912033).
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Endothelium..

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