TIMP3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TIMP3, Monoclonal Antibody
Full Product Name	TIMP3 (Tissue Inhibitor of Metalloproteinases 3, TIMP-3, Metalloproteinase Inhibitor 3, Protein MIG-5) (PE)
Product Gene Name	anti-TIMP3 antibody
Product Synonym Names	HSMRK222; K222; K222TA2; SFD
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1D8
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human TIMP3.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recover of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	24,145 Da
Immunogen	Partial recombinant corresponding to aa112-211 from human TIMP3 (AAH14277) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KMYTGLCNFVERWDQLTLSQRKGLNYRYHLGCNCKIKSCYYLPCFVTSKNECLWTDMLSNFGYPGYQSKHYACIRQKGGYCSWYRGWAPPDKSIINAT
Conjugate	PE
Product Categories/Family for anti-TIMP3 antibody	Antibodies; Matrix Metalloproteinases
Applications Tested/Suitable for anti-TIMP3 antibody	ELISA (EIA)
Application Notes for anti-TIMP3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TIMP3 antibody	MBS6160723 is an antibody targeting TIMP3. Also known as TIMP3 (Tissue Inhibitor of Metalloproteinases 3, TIMP-3, Metalloproteinase Inhibitor 3, Protein MIG-5) (PE). Reactive in Human. Host: Mouse.

Other Notes	Small volumes of anti-TIMP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIMP3. It may not necessarily be applicable to this product.

NCBI GI #	33878529
NCBI GeneID	7078
NCBI Accession #	BC014277
NCBI Related Accession #	AAH14277
UniProt Secondary Accession #	Q5THV4; Q9UC74; Q9UGS2; B2RBY9
UniProt Related Accession #	P35625
NCBI Official Full Name	Homo sapiens TIMP metallopeptidase inhibitor 3, mRNA
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 3
NCBI Official Symbol	TIMP3
NCBI Official Synonym Symbols	SFD; K222; K222TA2; HSMRK222
Protein Family	Metalloproteinase inhibitor
NCBI Protein Information	metalloproteinase inhibitor 3
NCBI Summary for TIMP3	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix (ECM). Expression of this gene is induced in response to mitogenic stimulation and this netrin domain-containing protein is localized to the ECM. Mutations in this gene have been associated with the autosomal dominant disorder Sorsby's fundus dystrophy. [provided by RefSeq, Jul 2008]
Research Articles on TIMP3	**1.** Genotypes of rs135025 and rs80272 in TIMP3 contribute to the development of preeclampsia in Han Chinese women.
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