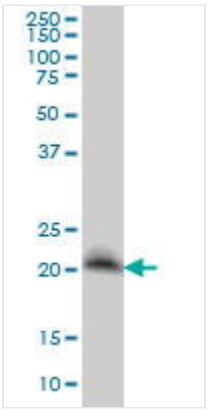
TIMP2 Antibody – Mouse Monoclonal

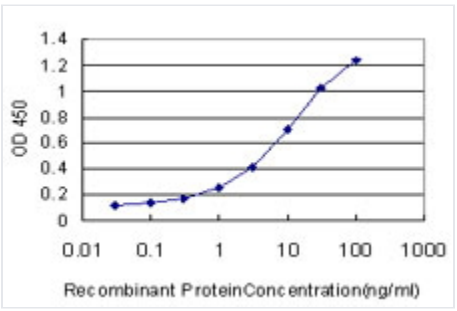
PRODUCT OVERVIEW

Product Name	TIMP2, Monoclonal Antibody
Full Product Name	TIMP2 (TIMP Metallopeptidase Inhibitor 2, CSC-21K) (FITC)
Product Gene Name	anti-TIMP2 antibody
Product Synonym Names	TIMP Metallopeptidase Inhibitor 2; CSC-21K
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4F5
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified
Specificity	Recognizes TIMP2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	TIMP2 (AAH52605, 27aa-220aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	CSCSPVHPQQAFCNADVVIRAKAVSEKEVDSGNDIYGNPIKRIQYEIKQIKMFKGPEKDIEFIYTAPSSAVCGVSLDVGGKKEYLIAGKAEGDGKMHITLCDF
Conjugate	FITC
Product Categories/Family for anti-TIMP2 antibody	Antibodies; Matrix Metalloproteinases
Applications Tested/Suitable for anti-TIMP2 antibody	Western Blot (WB)
Application Notes for anti-TIMP2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TIMP2 antibody	This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases, a grou encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the en to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix. [provided by RefSeq]
Other Notes	Small volumes of anti-TIMP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess with dry ice and additional dry ice fee may apply.

Searchable Terms for TIMP2 purchase	MBS6178754 is an antibody targeting TIMP2. Also known as TIMP2 (TIMP Metallopeptidase Inhibitor 2, CSC-21K) (FITC). Host: Mouse.



Western Blot (WB) of anti-TIMP2 antibody
TIMP2 monoclonal antibody (M02), clone 4F5 Western Blot analysis of TIMP2 expression in A-431 (Cat # L015V1).



Testing Data of anti-TIMP2 antibody
Detection limit for recombinant GST tagged TIMP2 is approximately 0.3ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIMP2. It may not necessarily be applicable to this product.

NCBI GI #	30851688
NCBI GeneID	7077
NCBI Accession #	AAH52605
UniProt Related Accession #	P16035
NCBI Official Full Name	TIMP metallopeptidase inhibitor 2
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Official Synonym Symbols	DDC8; CSC-21K
Protein Family	Metalloproteinase inhibitor
NCBI Protein Information	metalloproteinase inhibitor 2
Research Articles on TIMP2	**1.** In the Chinese population, we found that MMP3-rs522616, MMP2-rs1053605, TIMP2-rs4789936 were associated with decreased risk of colorectal cancer; while TIMP3-rs715572 was correlated with increased risk of colorectal cancer.
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