

Mouse anti-Human TIMP2 Monoclonal Antibody | anti-TIMP2 antibody

TIMP2 Antibody

CATALOG # AAA290496	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

TIMP2; Monoclonal Antibody; TIMP2 Antibody; Purified Mouse Monoclonal Antibody (Mab); Metalloproteinase inhibitor 2; CSC-21K; Tissue inhibitor of metalloproteinases 2; TIMP-2; anti-TIMP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	1554CT494.262.47
Specificity	This TIMP2 antibody is generated from a mouse immunized with arecombinant protein of human TIMP2.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	220
Applicable Applications for anti-TIMP2 antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Anti-TIMP2 Antibody at 1:2000 dilution + HT-1080 whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 24 kDaBlocking/Dilution buffer: 5% NFDm/TBST.


WB (Western Blot)

Anti-TIMP2 Antibody at 1:500 dilution + SW480 whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 24 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP2 antibody	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.
Product Categories/Family for anti-TIMP2 antibody	Crown Antibodies; Cancer; Cardiovascular; Cell Biology; Signal Transduction

References	Stetler-Stevenson W.G.,et al.J. Biol. Chem. 265:13933-13938(1990). Boone T.C.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:2800-2804(1990). Hammani K.,et al.J. Biol. Chem. 271:25498-25505(1996). Malik K.,et al.Submitted (AUG-1990) to the EMBL/GenBank/DBJ databases. Stetler-Stevenson W.G.,et al.J. Biol. Chem. 264:17374-17378(1989).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507511
NCBI GeneID	7077
NCBI Accession #	NP_003246.1
NCBI GenBank Nucleotide #	NM_003255.4
UniProt Accession #	P16035; Q16121; Q93006; Q9UDF7
Molecular Weight	24399
NCBI Official Full Name	metalloproteinase inhibitor 2
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Official Synonym Symbols	DDC8; CSC-21K
NCBI Protein Information	metalloproteinase inhibitor 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	TIMP2
UniProt Synonym Gene Names	TIMP-2
UniProt Entry Name	TIMP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/timp2-antibody-clone-1554ct494-262-47-western-blot-elisa/290496>