

Mouse TIMP2 Monoclonal Antibody | anti-TIMP2 antibody

Mouse Monoclonal [clone F27P3A4] (IgG2a) to Human TIMP2

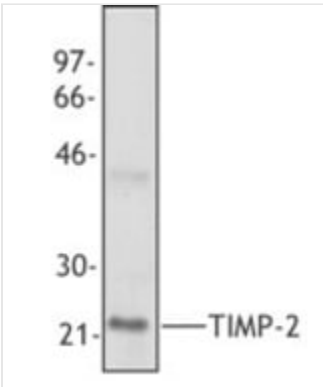
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51780	Mouse	Gibbon, Bovine, Chicken, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish Predicted Reactivity: Xenopus (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

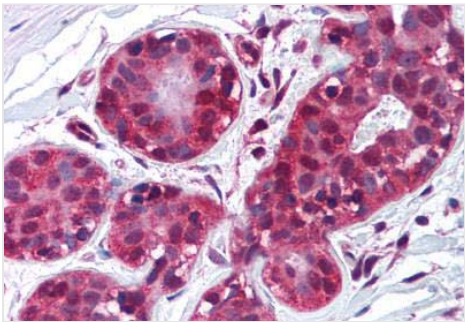
TIMP2; Monoclonal Antibody; Mouse Monoclonal [clone F27P3A4] (IgG2a) to Human TIMP2; Anti-TIMP2 Antibody (clone F27P3A4) IHC-plus; Metalloproteinase inhibitor 2; TIMP-2; CSC-21K; Human TIMP2; anti-TIMP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Gibbon, Bovine, Chicken, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish Predicted Reactivity: Xenopus (at least 90% immunogen sequence identity)
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	F27P3A4
Specificity	Ovalbumin-conjugated synthetic Peptide DSGNDIYGNP1
Purity/Purification	Affinity Purified
Form/Format	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	220
Applicable Applications for anti-TIMP2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human TIMP2.
Immunogen Type	Synthetic peptide
Immunogen	TIMP2 antibody was raised against synthetic peptide from human TIMP2. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Mouse, Rat, Sheep, Bovine, Dog, Hamster, Elephant, Panda, Horse, Rabbit, Pig, Opossum, Guinea pig, Turkey, Chicken, Lizard, Seabass, Zebrafish (100%); Xenopus, Medaka, Pufferfish (91%); Bat, Stickleback (82%).
Preparation and Storage	+4 degree C, avoid freezing



WB (Western Blot)
Western blot of recombinant human TIMP-2 protein using anti-TIMP-2, clone F27P3A4.



IHC (Immunohistochemistry)
Anti-TIMP2 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

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; Q96MC4
Molecular Weight	24,399 Da
NCBI Official Full Name	metalloproteinase inhibitor 2
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Official Synonym Symbols	DDC8; CSC-21K; KIAA1731NL
NCBI Protein Information	metalloproteinase inhibitor 2; TIMP-2; KIAA1731 N-terminal like protein; tissue inhibitor of metalloproteinase 2; tissue inhibitor of metalloproteinases 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-f27p3a4-western-blot-immunohistochemistry-elisa/51780>