

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

TIMP2 Rabbit mAb

CATALOG # AAA282855	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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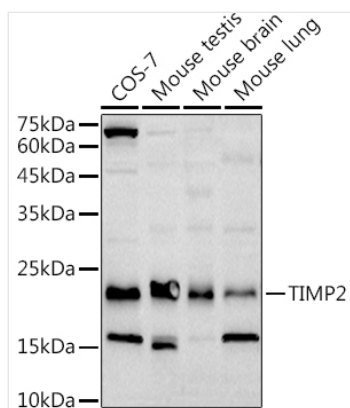
PRODUCT SYNONYMS

TIMP2; Monoclonal Antibody; TIMP2 Rabbit mAb; DDC8; CSC-21K; anti-TIMP2 antibody

PRODUCT SPECIFICATIONS

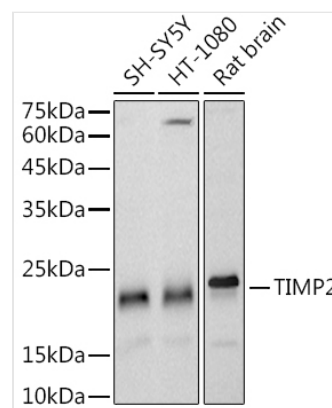
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GKMHITLCDF IVPWDTLSTT QKKS LNHR YQ MGCECKITRC PMIPCYISSP DECLWMDWVT EKNINGHQAK FFACIKRSDG SCAWYRGAAP PKQEFLDIED P
Applicable Applications for anti-TIMP2 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat, African green monkey
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 120-220 of human TIMP2. (NP_003246.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using TIMP2 Rabbit mAb (AAA282855) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of various lysates using TIMP2 Rabbit mAb (AAA282855) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.

ADDITIONAL INFORMATION

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 group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the 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 encoded protein may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix.
Product Categories/Family for anti-TIMP2 antibody	Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Extracellular Matrix; Ubiquitin; Cardiovascular; Angiogenesis; Antibodies

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	Calculated MW: 24kDa Observed MW: 22kDa
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.