

Mouse anti-Human, Mouse Tissue Inhibitor of Metalloproteinases 1 Monoclonal Antibody | anti-TIMP1 antibody

Human Tissue Inhibitor of Metalloproteinases 1 (PT2236) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319060	Mouse	Human, Mouse	Immunofluorescence, Immunohistochemistry

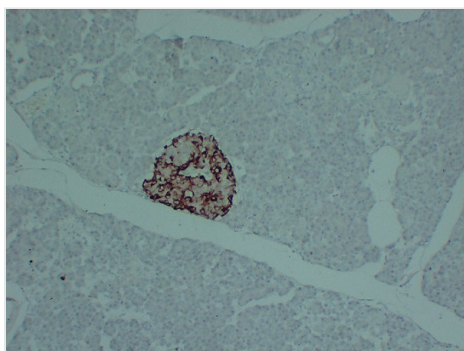
PRODUCT SYNONYMS

Tissue Inhibitor of Metalloproteinases 1; Monoclonal Antibody; Human Tissue Inhibitor of Metalloproteinases 1 (PT2236) Mouse Monoclonal Antibody; BH6842; Metalloproteinase inhibitor 1 (Erythroid-potentiating activity)(EPA)(Fibroblast collagenase inhibitor)(Collagenase inhibitor)(Tissue inhibitor of metalloproteinases 1)(TIMP-1); anti-TIMP1 antibody

PRODUCT SPECIFICATIONS

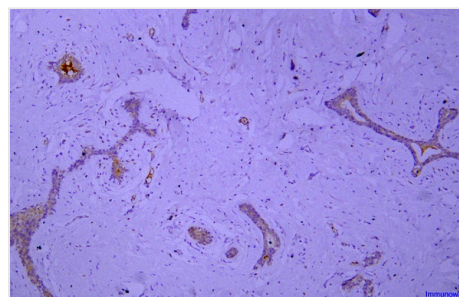
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse/IgG1, Kappa
Specificity	The antibody detects endogenous levels of human Metalloproteinase inhibitor 1 (Erythroid-potentiating activity)(EPA)(Fibroblast collagenase inhibitor)(Collagenase inhibitor)(Tissue inhibitor of metalloproteinases 1)(TIMP-1). Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-TIMP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human Tissue Inhibitor of Metalloproteinases 1 (TIMP1)
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Pancreas. 1. Tissue Inhibitor of Metalloproteinases 1 (TIMP1) Antibody was diluted at 1:200 (4 degree overnight). 2. Citrate buffer of pH6.0 was used for antigen retrieval



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast. Antibody was diluted at 1:200 (4 degree overnight).

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP1 antibody	TIMP metalloproteinase inhibitor 1 (TIMP1) Homo sapiens. This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507509
NCBI GeneID	7076
NCBI Accession #	NP_003245.1
NCBI GenBank Nucleotide #	NM_003254.2
UniProt Accession #	P01033; Q14252; Q9UCU1
Molecular Weight	23,171 Da
NCBI Official Full Name	metalloproteinase inhibitor 1
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 1
NCBI Official Symbol	TIMP1
NCBI Official Synonym Symbols	EPA; EPO; HCI; CLGI; TIMP
NCBI Protein Information	metalloproteinase inhibitor 1; TIMP-1; collagenase inhibitor; erythroid potentiating activity; erythroid-potentiating activity; fibroblast collagenase inhibitor; tissue inhibitor of metalloproteinases 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	TIMP1
UniProt Synonym Gene Names	CLGI; TIMP; EPA; Collagenase inhibitor; TIMP-1
UniProt Entry Name	TIMP1_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/tissue-inhibitor-of-metalloproteinases-1-antibody-immunofluorescence-immunohistochemistry-elisa/319060>