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Quantity:	50 μg
Target:	TIMP3
Binding Specificity:	AA 170-188
Reactivity:	Human, Cow, Dog, Horse, Sheep, Monkey, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIMP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	Oligopeptide corresponding to aa170-188(SWYRGWAPPDKSIINATDP) on human tissue inhibitor of metalloproteinases-3. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Baboon, Monkey, Galago, Marmoset, Sheep, Panda, Dog, Bovine, Horse, Pig (100%), Mouse, Rat, Hamster, Bat, Opossum, Turkey, Chicken, Lizard (95%), Elephant (89%), Xenopus (84%).
Isotype:	IgG1 kappa
Specificity:	Recognizes human TIMP-3. Does not react with human TIMP-1 and human TIMP-2. Species cross-reactivity: rabbit TIMP-3. Sequence homology with rat (18/19).
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Baboon, Monkey, Galago, Marmoset, Sheep, Panda, Dog, Bovine, Horse, Pig (100%) Mouse, Rat, Hamster, Bat, Opossum,

Product Details

Handling Advice:

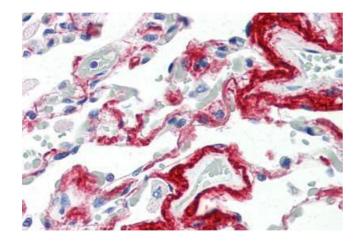
Product Details	
	Turkey, Chicken, Lizard (95%) Elephant (89%) Xenopus (84%).
Purification:	Purified
Target Details	
Target:	TIMP3
Alternative Name:	TIMP3 (TIMP3 Products)
Background:	Name/Gene ID: TIMP3
	Synonyms: TIMP3, HSMRK222, K222TA2, MIG-5 protein, K222, SFD, Metalloproteinase inhibitor 3, Protein MIG-5, TIMP-3
Gene ID:	7078
UniProt:	P35625
Application Details	
Application Notes:	Approved: IHC, IHC-Fr, IHC-P (10 μg/mL), WB (2 μg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 μ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.0, 2 % BSA (protease free).
Handling Advice:	Avoid ranget fragge thaw avalog

Avoid repeat freeze-thaw cycles.

Handling

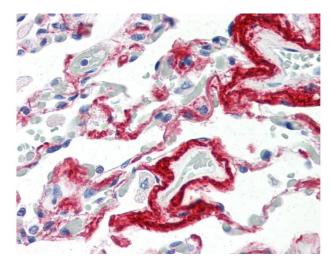
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Lung (formalin-fixed, paraffin-embedded) stained with TIMP3 antibody ABIN337298 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-TIMP3 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.