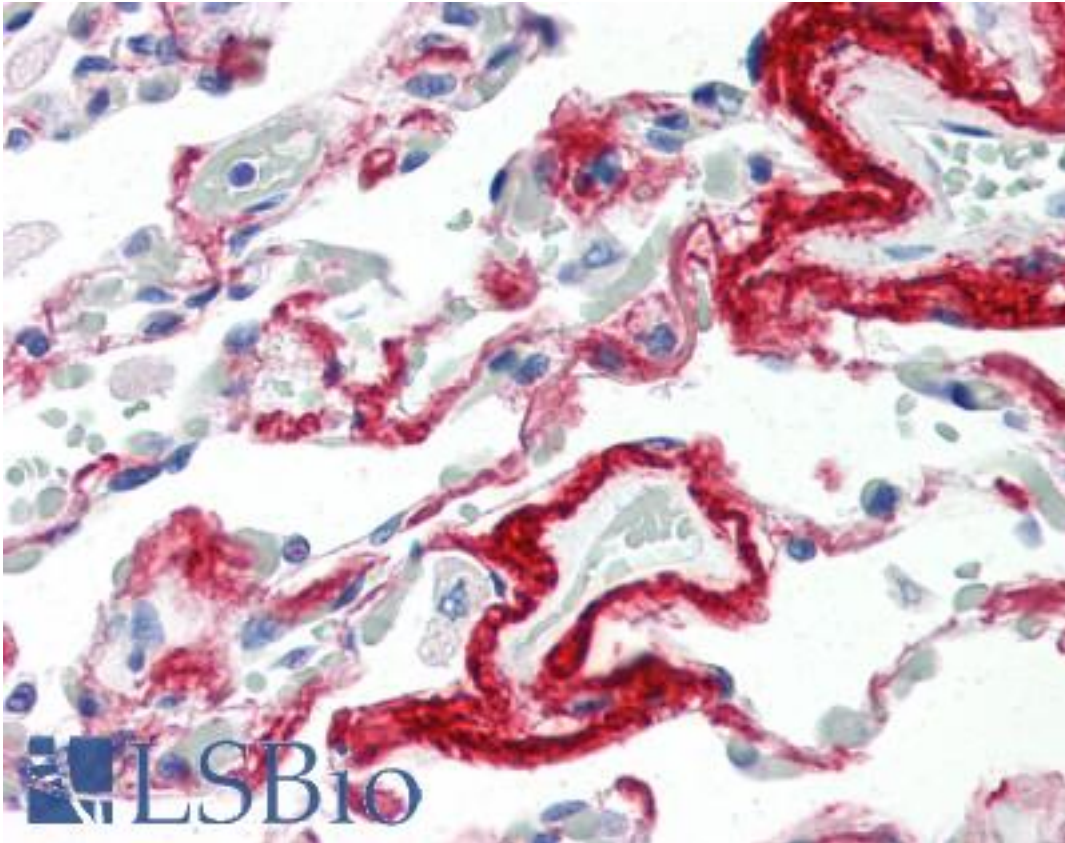


TIMP3 Mouse anti-Human Monoclonal (aa170-188) Antibody - LS-B2576 - LSBio	
CatalogID:	LS-B2576
Validation:	This antibody replaces catalog number LS-C10621. It has been validated for use in the following assays: IHC-P.
Target:	TIMP metalloproteinase inhibitor 3 (TIMP3)
Synonyms:	TIMP3 Antibody, HSMRK222 Antibody, K222TA2 Antibody, MIG-5 protein Antibody, K222 Antibody, SFD Antibody, Metalloproteinase inhibitor 3 Antibody, Protein MIG-5 Antibody, TIMP-3 Antibody
Host	TIMP3 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1,k
Immunogen Species:	TIMP3 antibody was raised against Human
Immunogen:	TIMP3 antibody was raised against 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%).
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).
Epitope:	aa170-188
Reactivity:	Human, Gorilla, Gibbon, Monkey, Bovine, Dog, Horse, Pig, Sheep
Predicted Reactivity:	Mouse, Rat, Bat, Hamster, Chicken
Purification:	Purified
Presentation:	PBS, pH 7.0, 2% BSA (protease free).
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2576 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 LS-B2576 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), IHC - Frozen, Western blot (2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-TIMP3 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2576 concentration 10 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

© 2014 LifeSpan BioSciences