

# Product Datasheet

## TIMP-4 Antibody (9:4-7) [Alexa Fluor™ Plus 594] NBP2-21658AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-21658AFP594**

TIMP-4 Antibody (9:4-7) [Alexa Fluor™ Plus 594]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	9:4-7
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor Plus 594
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	7079
Gene Symbol	TIMP4
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with TIMBIM 1 from human and mouse sources based on the immunizing sequence. Cross-reactivity with TIMP-4 from other sources has not been determined.
Specificity/Sensitivity	TIMP-4 antibody is specific for human TIMP-4 protein. This antibody reacts with human TIMP-4 in tissue sections of formalin-fixed, paraffin-embedded In ELISAs and Native-PAGE, this antibody does not cross-react with recombinant human TIMP-1, -2 or -3. A BLAST analysis was used to suggest cross-reactivity with TIMP-4 from human and mouse sources based on the immunizing sequence. Cross-reactivity with TIMP-4 from other sources has not been determined.
Immunogen	TIMP-4 Antibody (9:4-7) was produced in mouse by repeated immunizations with full length human TIMP-4 protein followed by hybridoma development. (Uniprot: Q99727)
Notes	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-21658AFP594**

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210-TA-005	TNF-alpha [Unconjugated]
DTM400	TIMP-4 [HRP]
DMP900	MMP-9 [HRP]
MMP200	MMP-2 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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