

# Product Datasheet

## TIMP-2 Antibody (TIMP2/2044) - Azide and BSA Free NBP3-08714

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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Updated 7/16/2024 v.20.1

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**NBP3-08714****TIMP-2 Antibody (TIMP2/2044) - Azide and BSA Free**

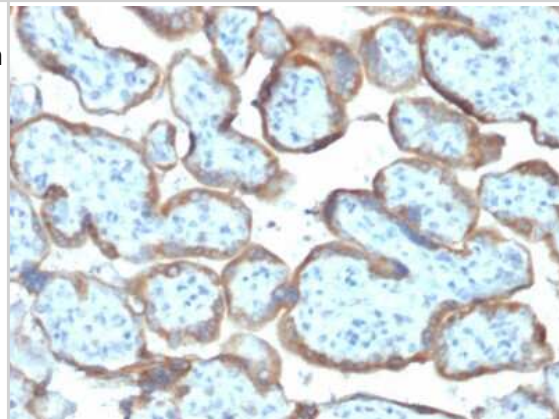
<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	TIMP2/2044
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS
<b>Target Molecular Weight</b>	21 kDa

<b>Product Description</b>	
<b>Description</b>	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07720).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
<b>Host</b>	Mouse
<b>Gene ID</b>	7077
<b>Gene Symbol</b>	TIMP2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	It recognizes a protein of 21kDa, identified as tissue inhibitor of metalloproteinases-2 (TIMP-2). It is closely related to TIMP-1 and shows the highest binding affinity to both the latent (pro) and active forms of 72kDa Type IV collagenase (also known as MMP-2 or gelatinase A). It also has affinity for the active form of 92kDa Type IV collagenase (also known as MMP-9 or gelatinase B). TIMP-2 inhibits the proteolytic invasiveness of tumor cells and normal placental trophoblast cells.
<b>Immunogen</b>	Recombinant human TIMP-2 protein fragment (aa 48-220) (exact sequence is proprietary) (Uniprot: P16035)

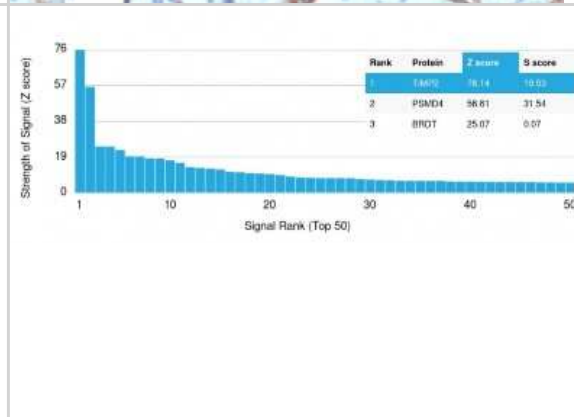
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunohistochemistry-Paraffin, Protein Array
<b>Recommended Dilutions</b>	ELISA 2-4 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
<b>Application Notes</b>	ELISA: Use antibody at 2-4ug/ml. For coating, order antibody without BSA

## Images

Immunohistochemistry-Paraffin: TIMP-2 Antibody (TIMP2/2044) [NBP3-08714] - Formalin-fixed, paraffin-embedded human Placenta stained with TIMP-2 Mouse Monoclonal Antibody (TIMP-2/2044).



Protein Array: TIMP-2 Antibody (TIMP2/2044) [NBP3-08714] - Analysis of Protein Array containing more than 19,000 full-length human proteins using TIMP-2 Mouse Monoclonal Antibody (TIMP-2/2044).





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### **Products Related to NBP3-08714**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-61356-10ug	Recombinant Human TIMP-2 Protein

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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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