

Product Datasheet

TIMP-2 Antibody (TIMP2/2044)

NBP3-07720-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07720-100ug

TIMP-2 Antibody (TIMP2/2044)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	TIMP2/2044
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	21 kDa

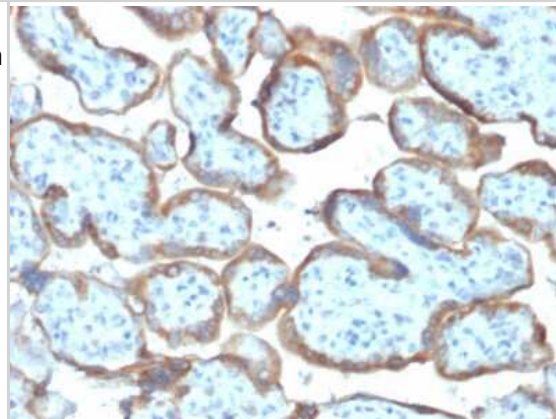
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08714)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Gene ID	7077
Gene Symbol	TIMP2
Species	Human
Specificity/Sensitivity	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.
Immunogen	Recombinant human TIMP-2 protein fragment (aa 48-220) (exact sequence is proprietary) (Uniprot: P16035)

Product Application Details	
Applications	ELISA, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	ELISA 2-4 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	<p>ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA.</p> <p>Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.</p>



Images

Immunohistochemistry-Paraffin: TIMP-2 Antibody (TIMP2/2044) [NBP3-07720] - Formalin-fixed, paraffin-embedded human Placenta stained with TIMP-2 Mouse Monoclonal Antibody (TIMP-2/2044).



Protein Array: TIMP-2 Antibody (TIMP2/2044) [NBP3-07720] - 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 NBP3-07720-100ug

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

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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