

Product Datasheet

TIMP-2 Antibody (TIMP2/8193R) - Azide and BSA Free NBP3-21033

Unit Size: 100 ug

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-21033

TIMP-2 Antibody (TIMP2/8193R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TIMP2/8193R
Preservative	No Preservative
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10mM PBS

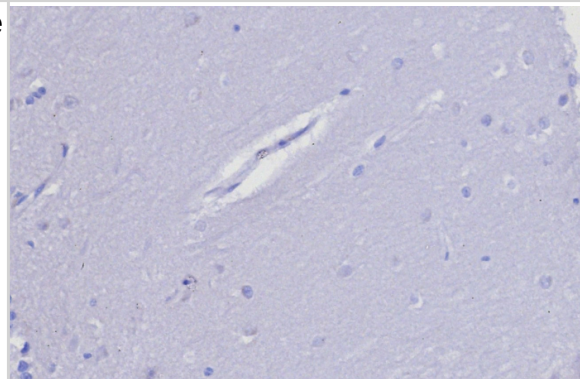
Product Description	
Description	Positive Controls: Normal Placenta, Prostate or Ovarian Carcinoma. Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.
Host	Rabbit
Gene ID	7077
Gene Symbol	TIMP2
Species	Human
Specificity/Sensitivity	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 fragment of human TIMP-2 protein (exact sequence is proprietary)

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	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.

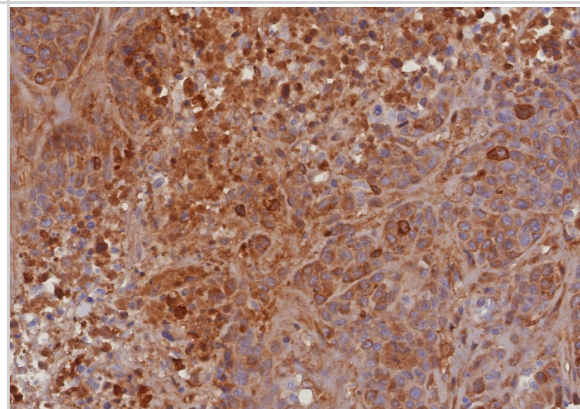


Images

IHC analysis of formalin-fixed, paraffin-embedded human brain. Negative tissue control using TIMP-2 antibody (TIMP2/8193R) at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human bladder carcinoma stained with TIMP-2 antibody (TIMP2/8193R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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Products Related to NBP3-21033

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-61356-10ug	Recombinant Human TIMP-2 Protein
210-TA-005	TNF-alpha [Unconjugated]

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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