

Product Datasheet

TIMP-2 Antibody (OT11A6)

NBP2-01573

Unit Size: 0.1 ml

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

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NBP2-01573

TIMP-2 Antibody (OTI1A6)

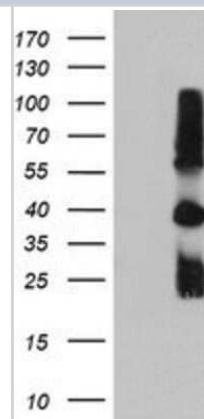
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1A6
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	21.7 kDa

Product Description	
Host	Mouse
Gene ID	7077
Gene Symbol	TIMP2
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human TIMP2(NP_003246) produced in HEK293T cell.

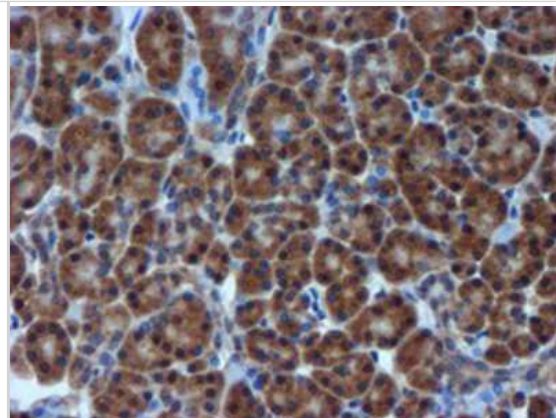
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

Images

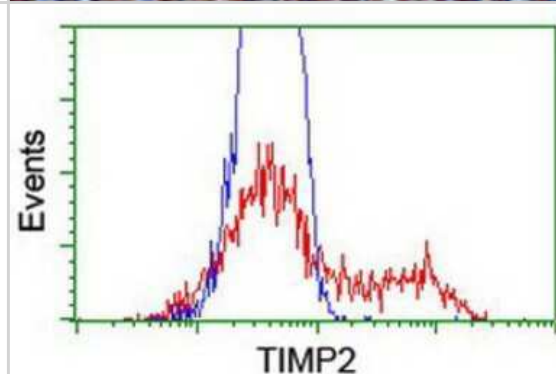
Western Blot: TIMP2 Antibody (1A6) [NBP2-01573] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TIMP2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TIMP2.



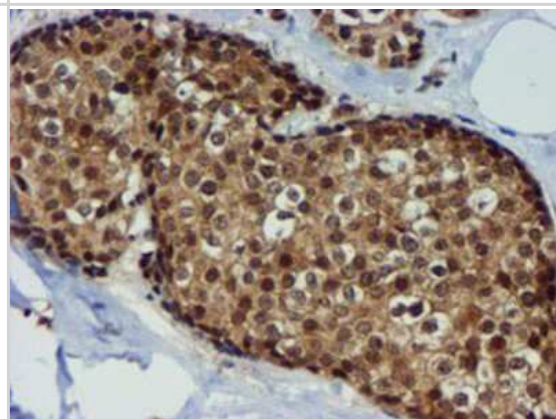
Immunohistochemistry-Paraffin: TIMP2 Antibody (1A6) [NBP2-01573] - Staining of paraffin-embedded Human pancreas tissue using anti-TIMP2 mouse monoclonal antibody.



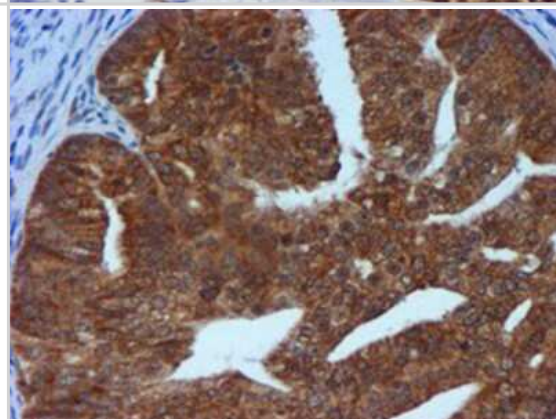
Flow Cytometry: TIMP2 Antibody (1A6) [NBP2-01573] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-TIMP2 antibody, and then analyzed by flow cytometry.



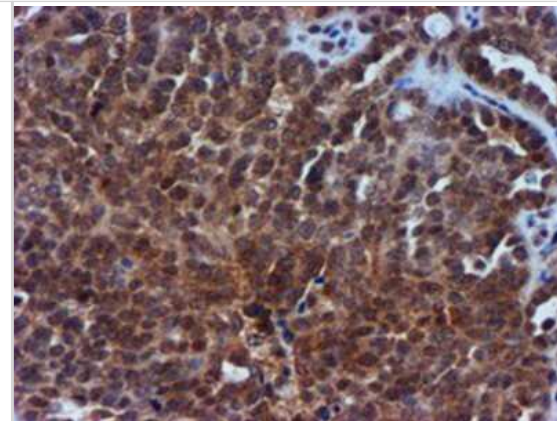
Immunohistochemistry-Paraffin: TIMP2 Antibody (1A6) [NBP2-01573] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-TIMP2 mouse monoclonal antibody.



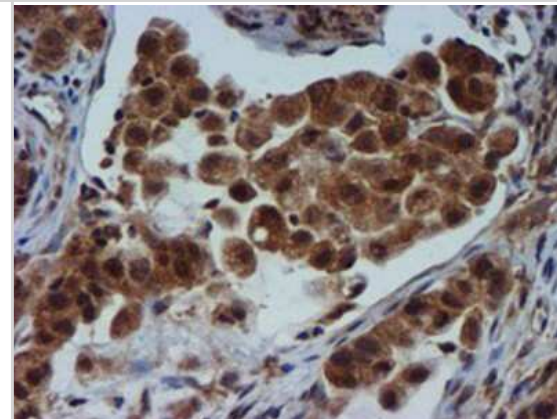
Immunohistochemistry-Paraffin: TIMP2 Antibody (1A6) [NBP2-01573] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-TIMP2 mouse monoclonal antibody.



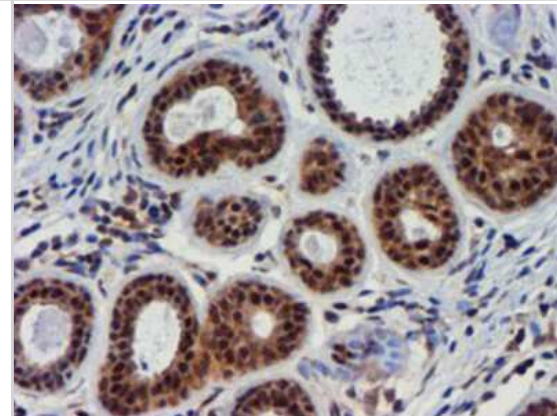
Immunohistochemistry-Paraffin: TIMP2 Antibody (1A6) [NBP2-01573] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TIMP2 mouse monoclonal antibody.



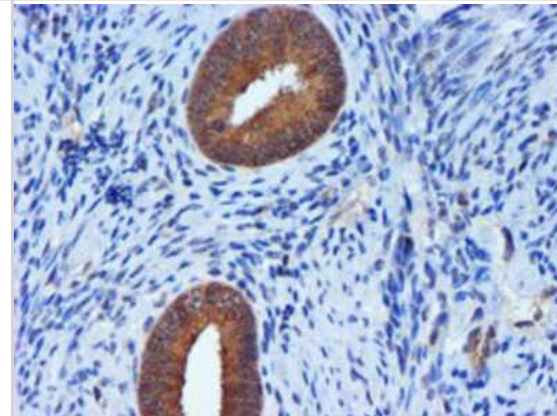
Immunohistochemistry-Paraffin: TIMP2 Antibody (1A6) [NBP2-01573] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-TIMP2 mouse monoclonal antibody.



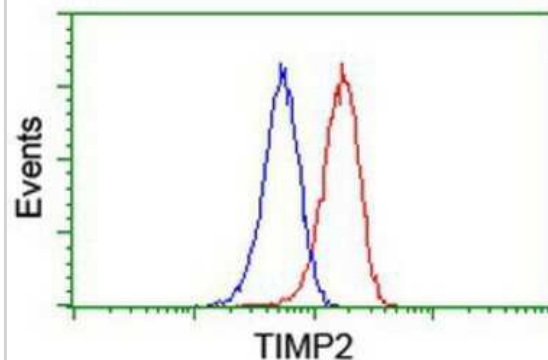
Immunohistochemistry-Paraffin: TIMP2 Antibody (1A6) [NBP2-01573] - Staining of paraffin-embedded Human breast tissue using anti-TIMP2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: TIMP2 Antibody (1A6) [NBP2-01573] - Staining of paraffin-embedded Human endometrium tissue using anti-TIMP2 mouse monoclonal antibody.



Flow Cytometry: TIMP2 Antibody (1A6) [NBP2-01573] - Analysis of Jurkat cells, using anti-TIMP2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Helmin-Basa A, Kubiszewska I, Wiese-Szadkowska M et al. Expression of Matrix Metalloproteinases in the Circulating Immune Cells in Children with Helicobacter pylori Infection Correlation with Clinical Factors International Journal of Molecular Sciences 2023-10-27 [PMID: 37958643] (Flow Cytometry, Human)

Kollaras V, Valsami G, Lambropoulou M et al. Effect of silibinin on the expression of MMP2, MMP3, MMP9 and TIMP2 in kidney and lung after hepatic ischemia/reperfusion injury in an experimental rat model Acta Cirúrgica Brasileira 2021-11-08 [PMID: 34755764] (Immunohistochemistry)

Premadasa LS, Lee E, McDew-White M et al. Cannabinoid enhancement of lncRNA MMP25-AS1/MMP25 interaction reduces neutrophil infiltration and intestinal epithelial injury in HIV/SIV infection JCI insight 2023-04-10 [PMID: 37036007] (ICC/IF)



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Products Related to NBP2-01573

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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