

# Product Datasheet

## **TIMP-4 Antibody (SB30c) - Azide and BSA Free NBP1-28619**

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-28619**

TIMP-4 Antibody (SB30c) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SB30c
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	0.1M BBS (pH 8.2)
<b>Target Molecular Weight</b>	25.5 kDa

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	7079
<b>Gene Symbol</b>	TIMP4
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 31677819).
<b>Specificity/Sensitivity</b>	Human/Mouse/Rat TIMP-4
<b>Immunogen</b>	Recombinant human TIMP-4 (a.a. 35-224)

**Product Application Details**

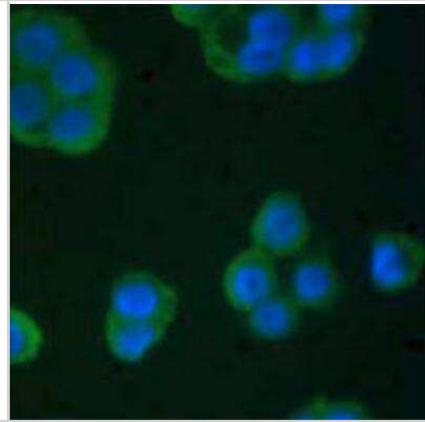
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Use in IHC-P reported in scientific literature (PMID:31677819)

## Images

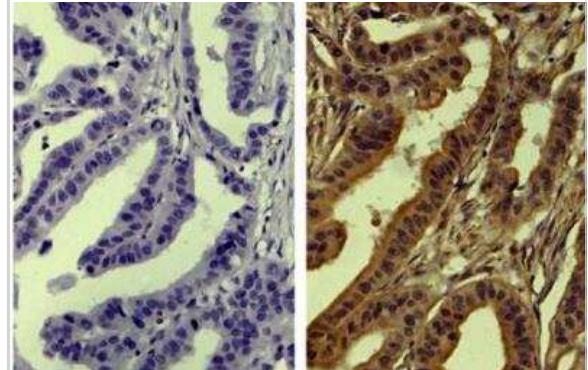
Western Blot: TIMP-4 Antibody (SB30c) [NBP1-28619] - 2 ug Mouse Anti-Human TIMP-4- on pancreatic cancer cell lysate with Goat Anti-Mouse IgG2a, human adsorbed-HRP

94 kDa  
50 kDa  
37 kDa  
29 kDa  
19 kDa

Immunocytochemistry/Immunofluorescence: TIMP-4 Antibody (SB30c) [NBP1-28619] - 5 ug/mL Mouse Anti-Human TIMP-4- was stained on cold methanol fixed human pancreatic carcinoma cells with DAPI and Goat Anti-Mouse Ig, human adsorbed-FITC



Immunohistochemistry-Paraffin: TIMP-4 Antibody (SB30c) [NBP1-28619] - Human gastric cancer tissue was stained with Mouse Anti-Human TIMP-4-UNLB (right) followed by HRP conjugated Anti-Mouse Ig secondary antibody, DAB, and hematoxylin.



## Publications

Solga R, Behrens J, Ziemann A et al. CRN2 binds to TIMP4 and MMP14 and promotes perivascular invasion of glioblastoma cells European Journal of Cell Biology 2019-10-01 [PMID: 31677819] (IHC-P, Mouse)



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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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