

# Product Datasheet

## TIMP-2 Antibody (3A4) NBP1-42375

Unit Size: 0.2 ml

Store at 4C. Do not freeze.

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**NBP1-42375****TIMP-2 Antibody (3A4)**

<b>Product Information</b>	
<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3A4
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Hybridoma culture supernatant

<b>Product Description</b>	
<b>Description</b>	For a positive control use Colon carcinoma.
<b>Host</b>	Mouse
<b>Gene ID</b>	7077
<b>Gene Symbol</b>	TIMP2
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	Does not cross-react with TIMP-1
<b>Immunogen</b>	Human TIMP-2 peptide: DSGNDIYGNPI
<b>Notes</b>	For a positive control use Colon carcinoma.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen

**Publications**

Chen G, Ge D, Zhu B et al. Upregulation of matrix metalloproteinase 9 (MMP9)/tissue inhibitor of metalloproteinase 1 (TIMP1) and MMP2/TIMP2 ratios may be involved in lipopolysaccharide-induced acute lung injury J. Int. Med. Res. 2020-04-01 [PMID: 32339071] (B/N)

Chen G, Ge D, Zhu B et al. Salvia miltiorrhiza Injection Alleviates LPS-Induced Acute Lung Injury by Adjusting the Balance of MMPs/TIMPs Ratio Evidence-Based Complementary and Alternative Medicine 2020-07-20 [PMID: 32765635] (WB, Rat)

Chuang CH, Yeh CL, Yeh SL et al. Quercetin metabolites inhibit MMP-2 expression in A549 lung cancer cells by PPAR-gamma associated mechanisms. The Journal of Nutritional Biochemistry. 2016-03-31 [PMID: 27260467]





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### **Products Related to NBP1-42375**

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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

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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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