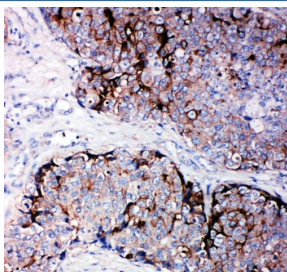


## TIMP2 Antibody (R30260)

Catalog No.	Formulation	Size
R30260	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P16035
<b>Localization</b>	Cytoplasmic, cell surface, secreted
<b>Applications</b>	IHC (FFPE) : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (human protein tested); request BSA free format for coating
<b>Limitations</b>	This TIMP2 antibody is available for research use only.



IHC-P: TIMP2 antibody testing of human breast cancer tissue. HIER: steamed with pH6 citrate buffer.

## Description

TIMP2 gene is encoded by 5 exons spanning 83 kb of genomic DNA. TIMP2 is 83 kilobase pairs(kb) long with exon-intron splicing sites located in preserved positions among the three members of the TIMP family. The gene for tissue inhibitor of metalloproteinases-2 is localized on human chromosome arm 17q25. TIMP-2 abrogates angiogenic factor-induced endothelial cell proliferation in vitro and angiogenesis in vivo independent of MMP inhibition.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TIMP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human TIMP2 (RGAAPPKQEFLDIEDP) was used as the immunogen for this TIMP2 antibody (100% homologous in human, mouse and rat).

## Storage

After reconstitution, the TIMP2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.