

# Timp1 Monoclonal Antibody

Catalog No: #42048

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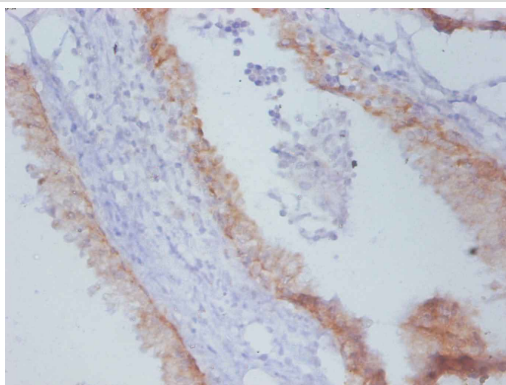
## Description

Product Name	Timp1 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purified
Applications	IHC
Species Reactivity	Rt
Specificity	specific for Rat Timp1 denatured and native forms
Immunogen Type	protein
Immunogen Description	Recombinant Rat Timp1
Target Name	Timp1
Other Names	Timp-1
Accession No.	Swiss-Prot#: P30120
Uniprot	P30120
GeneID	116510;
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:20 - 1:200

## Images



Immunohistochemical analysis of paraffin-embedded Rat prostate cancer using #42048 at dilution of 1:100.

## Background

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Also stimulates steroidogenesis by Leydig and ovarian granulosa cells; procathepsin L is required for maximal activity.

## References

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[1] "Cloning of the cDNA encoding rat tissue inhibitor of metalloproteinase 1 (TIMP-1), amino acid comparison with other TIMPs, and gene expression in rat tissues." [2] Gibbons K.L., O'Grady R.L., Piper A.A. "Analysis of the cDNA encod

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Note: This product is for in vitro research use only