

## Anti-TIMP1 Rabbit Monoclonal Antibody

Catalog Number: M00561

### About TIMP1

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

### Overview

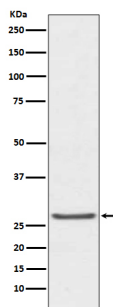
Product Name	Anti-TIMP1 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-TIMP1 Rabbit Monoclonal Antibody catalog # M00561. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal AAOD-20
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01033

### Technical Details

Immunogen	A synthesized peptide derived from human TIMP1
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:100-1:500 IHC 1:50-1:200 ICC/IF 1:50-1:200
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## Anti-TIMP1 Rabbit Monoclonal Antibody (M00561) Images



Western blot analysis of TIMP1 expression in human prostate cancer lysate.

## 6 Publications Citing This Product

1. PubMed ID: -, Huilin Guo,Huimin Li,Yaping Feng,Jin Ke,Wei Fang,Cheng Li,Xing Long,Cross-talk between synovial fibroblasts and chondrocytes in condylar hyperplasia: an in vitro pilot study,Oral Surgery,Oral Medicine,Oral Pathology and Oral Radiology,2020,ISSN 2212-4403,
2. PubMed ID: -, Huilin Guo,Huimin Li,Yaping Feng,Jin Ke,Wei Fang,Cheng Li,Xing Long,Cross-talk between synovial fibroblasts and chondrocytes in condylar hyperplasia: an in vitro pilot study,Oral Surgery,Oral Medicine,Oral Pathology and Oral Radiology,2020,ISSN 2212-4403,
3. PubMed ID: 32463570, Xu T,Pan L,Li L,Hu S,Zhou H,Yang C,Yang J,Li H,Liu Y,Meng X,Li J.MicroRNA-708 modulates Hepatic Stellate Cells activation and enhances extracellular matrix accumulation via direct targeting TMEM88. J Cell Mol Med. 2020 Jul;24(13):7127-7140.doi: 10.1111/jc

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