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antibody and ELISA experts

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Anti-TIMP1 Rabbit Monoclonal Antibody

Catalog Number: M00561-1

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 # M00561-1. Tested in WB, IHC applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal AOOI-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:

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	WB 1:500-1:1000 IHC 1:50-1:200

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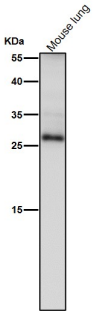
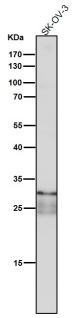
Anti-TIMP1 Rabbit Monoclonal Antibody (M00561-1) Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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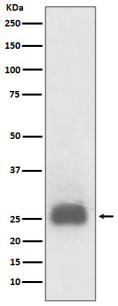

Western blot analysis of TIMP1 expression in HL60 cell lysate treated with TPA.

4 Publications Citing This Product

1. 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

2. PubMed ID: 27605970, Recombinant human endostatin reduces hypertrophic scar formation in rabbit ear model through down-regulation of VEGF and TIMP-1

3. PubMed ID: 25597545, Simmers P, Gishto A, Vyavahare N, Kothapalli Cr. Tissue Eng Part A. 2015 Apr;21(7-8):1455-70. Doi: 10.1089/Ten.Tea.2014.0363. Epub 2015 Mar 9. Nitric Oxide Stimulates Matrix Synthesis And Deposition By Adult Human Aortic Smooth Muscle Cells Within...

Visit bosterbio.com/anti-timp1-rabbit-monoclonal-antibody-m00561-1-boster.html to see all 4 publications.

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