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Anti-TIMP1 Rabbit Monoclonal Antibody

Catalog Number: M00561

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 stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200

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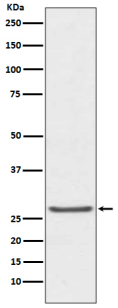
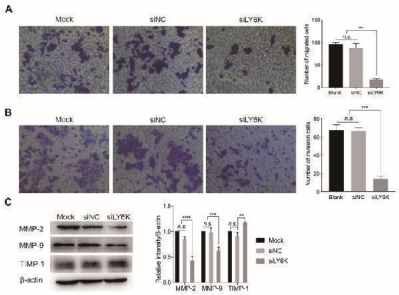
Anti-TIMP1 Rabbit Monoclonal Antibody (M00561) Images



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



Knockdown of LY6K inhibits migration and invasion of CCSCs in vitro. Optical micrographs and the number of migrated (A) and invaded (B) CCSCs following siLY6K or siNC transfection for 48 h according to Transwell migration and invasion assay. n = 3. (C) Western blot analyses showing the protein levels of MMP-2, MMP-9, and TIMP-1 in CCSCs after treatment with siLY6K or siNC for 48 h. Values are the mean ± SE (n = 3). ** p < 0.01, *** p < 0.001, or **** p < 0.0001 indicates significant differences from the Mock and siNC group as assessed by one-way ANOVA with Tukey–Kramer multiple comparisons tests. LY6K, lymphocyte antigen 6, locus K; CCSC, colon cancer stem cells; MMP, matrix metalloproteinase; TIMP-1, tissue inhibitor of MMP-1; n.s., not significant. Index in PubMed under a CC BY license. PMID: 39727968

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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