.-online.com antibodies

Datasheet for ABIN4914666 anti-TIMP2 antibody

2 Images



Overview

Quantity:	100 µL
Target:	TIMP2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIMP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

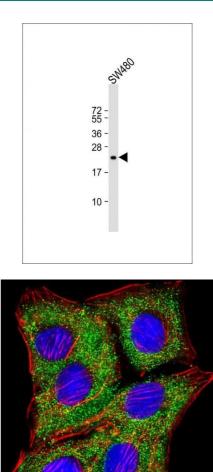
Immunogen:	This TIMP2 antibody is generated from a mouse immunized with arecombinant protein of human TIMP2.
Clone:	4C7
lsotype:	lgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.
Target Details	

Target:	TIMP2
Alternative Name:	TIMP2 (TIMP2 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN4914666 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Background:	Synonyms: DDC8, CSC-21K, Metalloproteinase inhibitor 2, Tissue inhibitor of metalloproteinases 2, TIMP-2, TIMP2 Background: Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.
Gene ID:	7077
UniProt:	P16035
Pathways:	cAMP Metabolic Process
Application Details	
Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(ICC) 1:50-200 IF()
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN4914666 | 03/07/2024 | Copyright antibodies-online. All rights reserved.



Western Blotting

Image 1. Lane 1: SW480 Cell lysates, probed with TIMP2 (1554CT494.262.47) Monoclonal Antibody, unconjugated (bsm-51320M) at 1:500 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.

Immunofluorescence (Cultured Cells)

Image 2. Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized A549 cells labeled with TIMP2 (1554CT494.262.47) Monoclonal Antibody (bsm-51320M) at 1/25 dilution followed by secondary antibody (green), cytoplasmic actin staining (red), and nuclear counter stain with DAPI (blue).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN4914666 | 03/07/2024 | Copyright antibodies-online. All rights reserved.