

Datasheet for ABIN390664  
**anti-TIMP1 antibody (N-Term)**

4 Images

1 Publication

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## Overview

Quantity:	400 µL
Target:	TIMP1
Binding Specificity:	AA 41-70, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Immunogen:	This TIMP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-70 amino acids from the N-terminal region of human TIMP1.
Clone:	RB15494
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	TIMP1
Alternative Name:	TIMP1 ( <a href="#">TIMP1 Products</a> )

## Target Details

Background:	TIMP1 belongs to the TIMP family. The proteins in this family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function.
Molecular Weight:	23171
Gene ID:	7076
NCBI Accession:	<a href="#">NP_003245</a>
UniProt:	<a href="#">P01033</a>

## Application Details

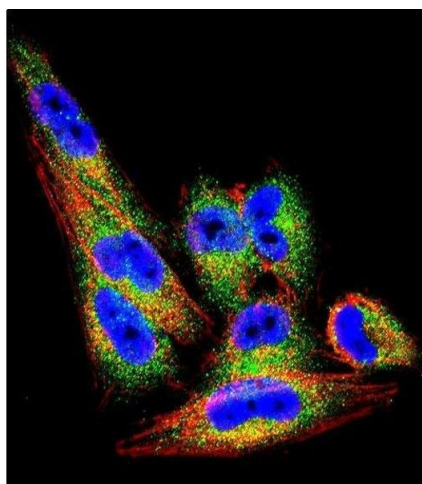
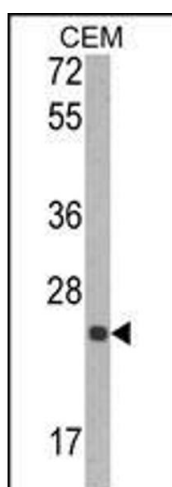
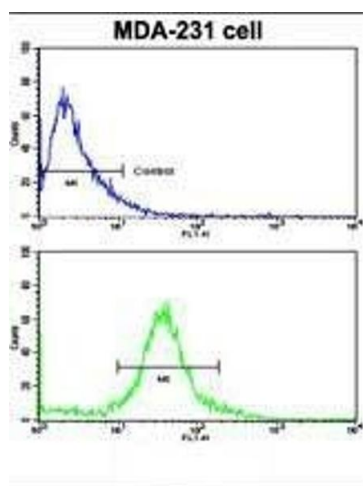
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

Product cited in:	Humbert, Navaratnam, Augert, Da Costa, Martien, Wang, Martinez, Abbadie, Carling, de Launoit, Gil, Bernard: "Regulation of ploidy and senescence by the AMPK-related kinase NUA1." in: <b>The EMBO journal</b> , Vol. 29, Issue 2, pp. 376-86, (2010) ( <a href="#">PubMed</a> ).
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### Flow Cytometry

**Image 1.** Flow cytometric analysis of MDA-231 cells using TI Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of TI Antibody (N-term) (ABIN390664 and ABIN2840958) in CEM cell line lysates (35 µg/lane). TI (arrow) was detected using the purified Pab.

### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of TI Antibody (N-term) (ABIN390664 and ABIN2840958) with cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN390664.