

## Basic Information

<b>Product Name</b>	Anti-TIMP2 Antibody (Clone#OT1A6)
<b>Gene Name</b>	TIMP2
<b>Source</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Species Reactivity</b>	human, mouse, rat, dog, monkey
<b>Tested Application</b>	WB, IHC, FCM
<b>Contents</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Immunogen</b>	Full length human recombinant protein of human TIMP2(NP_003246) produced in HEK293T cell.
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Observed MW</b>	22 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:500~2000 Immunohistochemistry (IHC):1:150 Flow cytometry (FCM): 1:100

## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the encoded protein may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix. [provided by RefSeq]

Product datasheet

## Anti-TIMP2 Antibody (Clone#OT11A6)

Catalog Number: **M01037-3**

**BOSTER**<sup>®</sup>

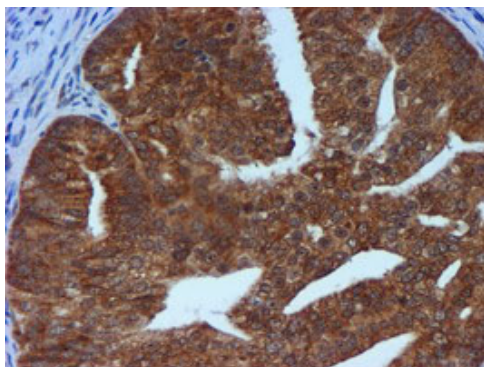
antibody and ELISA experts

**BOSTER BIOLOGICAL TECHNOLOGY**

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,  
East Lake High-Tech Development Zone, Wuhan.

**Web:** [www.boster.com](http://www.boster.com) **Phone:** 027-67845390/1/2 **Email:** [boster@boster.com](mailto:boster@boster.com)

## Selected Validation Data



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-TIMP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M01037-3)