
Product Name: KD-Validated TIMP2 Mouse Monoclonal Antibody**Catalog #: KVA01896**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 24.4kDa

Antigen Information

Gene Name	TIMP2 TIMP2; TIMP Metallopeptidase Inhibitor 2; CSC-21K; Tissue Inhibitor Of Metalloproteinases
Alternative Names	2; Metalloproteinase Inhibitor 2; Tissue Inhibitor Of Metalloproteinase 2; Testicular Secretory Protein Li 57; TIMP-2; DDC8
Gene ID	7077.0
SwissProt ID	P16035
Immunogen	Recombinant protein of human TIMP2

Background

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, Jul 2008]

Research Area

Cardiovascular, Signal Transduction, Cancer, Cell Biology

Image Data

