



TIMP1 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a full length recombinant TIMP1. Catalog # AT4242a

Specification

TIMP1 Antibody (monoclonal) (M04) - Product Information

Application E
Primary Accession Other Accession BC007097
Reactivity Human
Host mouse
Clonality Monoclonal
Isotype IqG2b Kappa

Calculated MW 23171

TIMP1 Antibody (monoclonal) (M04) - Additional Information

Gene ID 7076

Other Names

Metalloproteinase inhibitor 1, Erythroid-potentiating activity, EPA, Fibroblast collagenase inhibitor, Collagenase inhibitor, Tissue inhibitor of metalloproteinases 1, TIMP-1, TIMP1, CLGI, TIMP

Target/Specificity

TIMP1 (AAH07097, 1 a.a. ~ 169 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2.

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

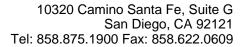
Precautions

TIMP1 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

TIMP1 Antibody (monoclonal) (M04) - Protocols

TIMP1 Antibody (monoclonal) (M04) - Background

This gene belongs to the TIMP gene family. The proteins encoded by this gene 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 encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq]





Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture