

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	P01033
Other Accession	BC007097
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b 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) - 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]

TIMP1 Antibody (monoclonal) (M04) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)