

**Metalloproteinase Inhibitor 1 Rabbit mAb**  
Catalog # AP76959**Specification**

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**Metalloproteinase Inhibitor 1 Rabbit mAb - Product Information**

Application	WB, IHC-P, ICC
Primary Accession	<a href="#">P01033</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	23171

**Metalloproteinase Inhibitor 1 Rabbit mAb - Additional Information****Gene ID** 7076**Other Names**

TIMP1

**Format**

Liquid

**Metalloproteinase Inhibitor 1 Rabbit mAb - Protein Information****Name** TIMP1**Synonyms** CLGI, TIMP**Function**

Metalloproteinase inhibitor that functions by forming one to one complexes with target metalloproteinases, such as collagenases, and irreversibly inactivates them by binding to their catalytic zinc cofactor. Acts on MMP1, MMP2, MMP3, MMP7, MMP8, MMP9, MMP10, MMP11, MMP12, MMP13 and MMP16. Does not act on MMP14. Also functions as a growth factor that regulates cell differentiation, migration and cell death and activates cellular signaling cascades via CD63 and ITGB1. Plays a role in integrin signaling. Mediates erythropoiesis in vitro; but, unlike IL3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors.

**Cellular Location**

Secreted

**Tissue Location**

Detected in rheumatoid synovial fluid (at protein level).

**Metalloproteinase Inhibitor 1 Rabbit mAb - 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](#)

**Metalloproteinase Inhibitor 1 Rabbit mAb - Images**