

**MMP1 Antibody**  
Rabbit mAb  
Catalog # AP90369

## Specification

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### MMP1 Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">P03956</a>
Clonality	Monoclonal
<b>Other Names</b>	
MMP1;CLG;CLGN; Fibroblast collagenase; Matrix metalloprotease 1;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	54007 Da

### MMP1 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MMP1
Description	MMP1 Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X. In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity. Belongs to the peptidase M10A family.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### MMP1 Antibody - Protein Information

**Name** MMP1

**Synonyms** CLG

#### Function

Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X (PubMed: [1645757](http://www.uniprot.org/citations/1645757), PubMed: [2153297](http://www.uniprot.org/citations/2153297), PubMed: [2557822](http://www.uniprot.org/citations/2557822)). In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity (PubMed: [16807369](http://www.uniprot.org/citations/16807369)).

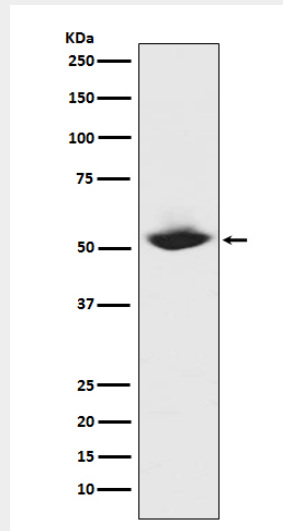
**Cellular Location**

Secreted, extracellular space, extracellular matrix

**MMP1 Antibody - 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](#)

**MMP1 Antibody - Images**

Western blot analysis of MMP1 expression in MMP1 recombinant protein.