

**MMP1 Antibody**  
**Rabbit mAb**  
**Catalog # AP90369****Specification****MMP1 Antibody - Product Information**

Application **WB, IHC, FC, ICC**  
Primary Accession **[P03956](#)**  
Clonality **Monoclonal**  
**Other Names**  
MMP1;CLG;CLGN; Fibroblast collagenase; Matrix metalloprotease 1;

Isotype **Rabbit IgG**  
Host **Rabbit**  
Calculated MW **54007 Da**

**MMP1 Antibody - Additional Information**

Dilution **WB~~1:1000**  
**IHC~~1:100~500**  
**FC~~1:10~50**  
**ICC~~N/A**  
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:<a href="http://www.uniprot.org/citations/1645757" target="\_blank">1645757</a>, PubMed:<a href="http://www.uniprot.org/citations/2153297"

target="\_blank">2153297</a>, PubMed:<a href="http://www.uniprot.org/citations/2557822" target="\_blank">2557822</a>). In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity (PubMed:<a href="http://www.uniprot.org/citations/16807369" target="\_blank">16807369</a>).

#### **Cellular Location**

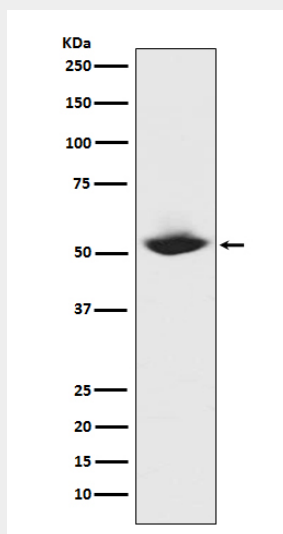
Secreted, extracellular space, extracellular matrix

#### **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.