

**MMP9 Rabbit mAb**  
**Catalog # AP76916****Specification**

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**MMP9 Rabbit mAb - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, FC, ICC     |
| Primary Accession | <a href="#">P14780</a> |
| Reactivity        | Human, Rat             |
| Host              | Rabbit                 |
| Clonality         | Monoclonal Antibody    |

**MMP9 Rabbit mAb - Additional Information****Gene ID** 4318**Other Names**  
MMP9**Dilution**  
WB~~1:1000  
IHC-P~~N/A  
FC~~1:10~50  
ICC~~N/A**Format**  
Liquid**MMP9 Rabbit mAb - Protein Information****Name** MMP9**Synonyms** CLG4B**Function**

Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration (PubMed:<a href="http://www.uniprot.org/citations/12879005" target="\_blank">12879005</a>, PubMed:<a href="http://www.uniprot.org/citations/1480034" target="\_blank">1480034</a>, PubMed:<a href="http://www.uniprot.org/citations/2551898" target="\_blank">2551898</a>). Could play a role in bone osteoclastic resorption (By similarity). Cleaves KiSS1 at a Gly-I-Leu bond (PubMed:<a href="http://www.uniprot.org/citations/12879005" target="\_blank">12879005</a>). Cleaves NINJ1 to generate the Secreted ninjurin-1 form (PubMed:<a href="http://www.uniprot.org/citations/32883094" target="\_blank">32883094</a>). Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments (PubMed:<a href="http://www.uniprot.org/citations/1480034" target="\_blank">1480034</a>). Degrades fibronectin but not laminin or Pz-peptide.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Detected in neutrophils (at protein level) (PubMed:7683678). Produced by normal alveolar macrophages and granulocytes.

**MMP9 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](#)

**MMP9 Rabbit mAb - Images**