

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

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**MMP9 Rabbit mAb - Product Information**

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

**MMP9 Rabbit mAb - Additional Information****Gene ID** 4318**Other Names**  
MMP9**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: [12879005](http://www.uniprot.org/citations/12879005), PubMed: [1480034](http://www.uniprot.org/citations/1480034), PubMed: [2551898](http://www.uniprot.org/citations/2551898)). Could play a role in bone osteoclastic resorption (By similarity). Cleaves KiSS1 at a Gly-I-Leu bond (PubMed: [12879005](http://www.uniprot.org/citations/12879005)). Cleaves NINJ1 to generate the Secreted ninjurin-1 form (PubMed: [32883094](http://www.uniprot.org/citations/32883094)). Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments (PubMed: [1480034](http://www.uniprot.org/citations/1480034)). 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**