

**MMP-9**  
Rabbit Monoclonal antibody(Mab)  
Catalog # AD80583

## Specification

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### MMP-9 - Product info

Application	IHC-P
Primary Accession	<a href="#">P14780</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	78458

### MMP-9 - Additional info

Gene ID **4318**

#### Other Names

Matrix metalloproteinase-9, MMP-9, 3.4.24.35, 92 kDa gelatinase, 92 kDa type IV collagenase, Gelatinase B, GELB, 67 kDa matrix metalloproteinase-9, 82 kDa matrix metalloproteinase-9, MMP9, CLG4B

Storage **This product is stored at 2-8 °C, please use it within the expiration date.**

### MMP-9 - Protein Information

#### Name MMP9

Synonyms  
Function

#### CLG4B

Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration (PubMed:[12879005](#), PubMed:[1480034](#), PubMed:[2551898](#)). Could play a role in bone osteoclastic resorption (By similarity). Cleaves KISS1 at a Gly-|-Leu bond (PubMed:[12879005](#)). Cleaves NINJ1 to generate the Secreted ninjurin-1 form (PubMed:[32883094](#)). Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N- terminal one quarter fragments (PubMed:[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.

## **MMP-9 - 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](#)

## **MMP-9 - Images**