

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

MMP-9 - Product info

Application	IHC-P
Primary Accession	P14780
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	78458

MMP-9 - Additional infoGene 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

Dilution

IHC-P~~N/A

Storage

Maintain refrigerated at 2-8°C

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

Tissue Location

matrix

**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