

MMP-9

Rabbit Monoclonal antibody(Mab)

Catalog # AD80583

Product Information

Application	IHC-P
Primary Accession	P14780
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	995G3C2
Calculated MW	78458

Additional Information

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
Dilution	IHC-P~~N/A
Storage	Maintain refrigerated at 2-8°C.

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 , 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.