

MMP-9 rabbit pAb

Cat No.: ES2420

For research use only

Overview

Product Name MMP-9 rabbit pAb

Host species Rabbit

Applications WB;IHC;IF;ELISA Species Cross-Reactivity Human;Mouse;Rat

Recommended dilutions Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300

ELISA: 1/20000. IF 1:100-300 Not yet tested in other

applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human MMP-9. AA

range:651-700

Specificity MMP-9 Polyclonal Antibody detects endogenous

levels of MMP-9 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Matrix metalloproteinase-9

Gene Name MMP9

Cellular localizationSecreted, extracellular space, extracellular matrix .PurificationThe antibody was affinity-purified from rabbit
antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 78kD
Human Gene ID 4318
Human Swiss-Prot Number P14780

Alternative Names MMP9; CLG4B; Matrix metalloproteinase-9; MMP-9;

92 kDa gelatinase; 92 kDa type IV collagenase;

Gelatinase B; GELB

Background matrix metallopeptidase 9(MMP9) Homo sapiens

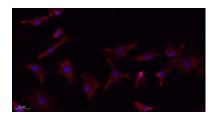
Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as

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embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling. [provided by RefSeq, Jul 2008],



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Immunofluorescence analysis of A549. 1,primary
Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat
Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary
antibody was diluted at 1:1000(room temperature,
50min).3, Picture B: DAPI(blue) 10min.



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