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MMP9 Rabbit pAb

Catalog No.: A0289SP

Basic Information

Observed MW
84 kDa/92 kDa

Calculated MW
78 kDa

Category
Primary antibody

Applications
WB,IF-P,IHC-P,ELISA

Cross-Reactivity
Human

Background

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

Recommended Dilutions

WB	1:3000 - 1:10000
IF-P	1:300 - 1:1500
IHC-P	1:5000 - 1:20000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000)a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
4318

Swiss Prot
P14780

Immunogen
This information is considered to be commercially sensitive.

Synonyms
GELB; CLG4B; MMP-9; MANDP2; MMP9

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.
May contain 0.05% BSA as specified on the Certificate of Analysis.

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