

MMP9 Rabbit pAb

Catalog No.: A11521 **2 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

78kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Human, Mouse

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

IHC-P 1:100 - 1:200

Immunogen Information

Gene ID

4318

Swiss Prot

P14780

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 401-500 of human MMP9 (NP_004985.2).

Synonyms

GELB; CLG4B; MMP-9; MANDP2; MMP9

Contact

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Product Information

Source

Rabbit

Isotype

IgG

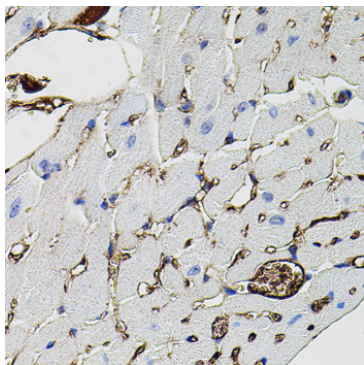
Purification

Affinity purification

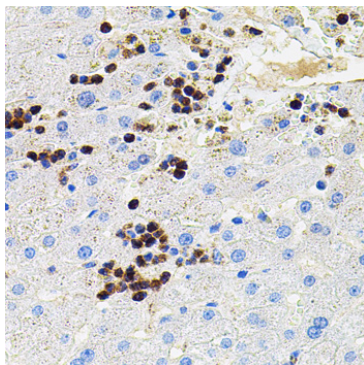
Storage

Store at -20°C. Avoid freeze / thaw cycles.

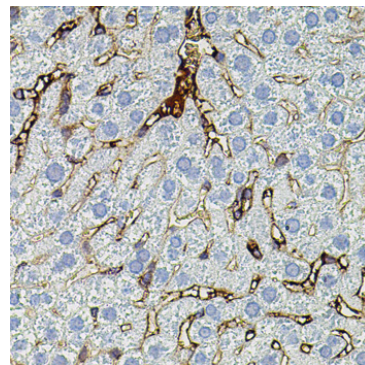
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



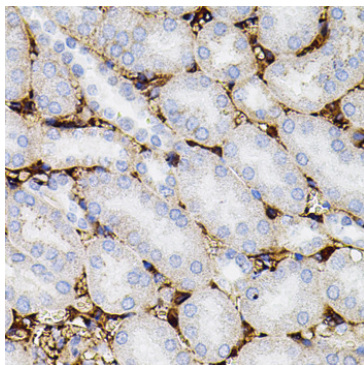
Immunohistochemistry analysis of paraffin-embedded Mouse heart using MMP9 Rabbit pAb (A11521) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver damage using MMP9 Rabbit pAb (A11521) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using MMP9 Rabbit pAb (A11521) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using MMP9 Rabbit pAb (A11521) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.