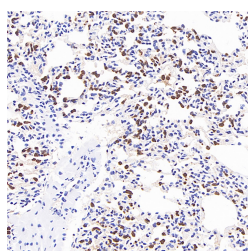


MMP9 Monoclonal Antibody

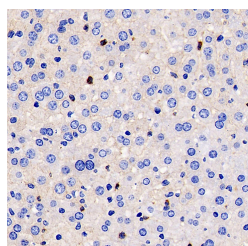
Catalog No.	E-AB-70246	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Mouse
Applications	IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

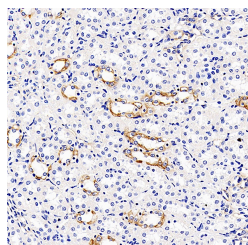
Images



Immunohistochemistry analysis of paraffin-embedded mouse inflammatory lung using MMP9 Monoclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded mouse inflammatory liver using MMP9 Monoclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded rat kidney using MMP9 Monoclonal Antibody at dilution of 1:300.

Immunogen Information

Immunogen	Recombinant protein corresponding to Mouse MMP9
Swissprot	P50282,P41245
Synonyms	82 kDa matrix metalloproteinase-9,MMP-9,,Type V collagenase

Product Information

Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Clone No.	5C11C10
Dilution	IHC 1:200-1:800

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.