# MMP9 Monoclonal Antibody

**catalog number:** **E-AB-70246**

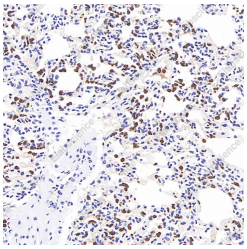
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

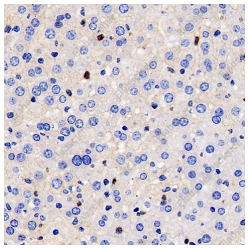
| | |
|---|---|
| **Reactivity** | Mouse;Rat |
| **Immunogen** | Recombinant protein corresponding to Mouse MMP9 |
| **Host** | Mouse |
| **Isotype** | Mouse IgG |
| **Clone** | 5C11C10 |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:200-1:800 |

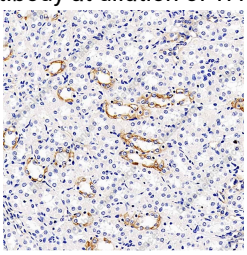
## Data



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.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background


Toll-free: 1-888-852-8623
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Email: techsupport@elabscience.com

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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