

MMP9 Polyclonal Antibody

Catalog Number:E-AB-70059

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

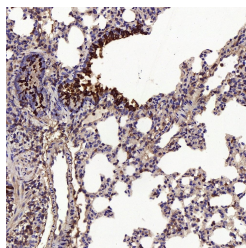
Description

| | |
|---------------------|--|
| Reactivity | Rat |
| Immunogen | KLH conjugated Synthetic peptide corresponding to Mouse MMP9 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4 |

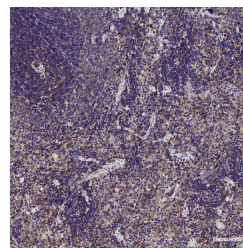
Applications Recommended Dilution

| | |
|------------|--------------|
| IHC | 1:500-1:1000 |
| IF | 1:100-1:500 |

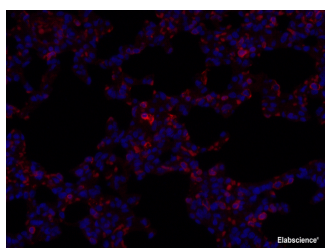
Data



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



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



Immunofluorescence analysis of paraffin-embedded rat lung using MMP9 Polyclonal Antibody at dilution of 1:100.

Preparation & Storage

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

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

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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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