MMP9 Polyclonal Antibody

catalog number: **E-AB-70059**

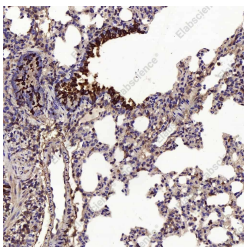
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

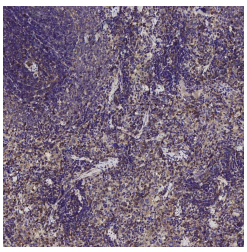
Reactivity	Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse MMP9
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:500-1:1000
IF	1:100-1:500

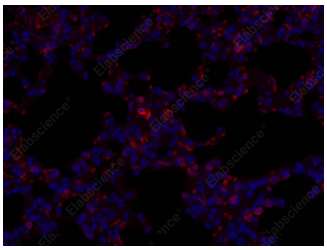
Data



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 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
Tel: 1-832-243-6086
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Web: www.elabscience.com
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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