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MMP-12 Polyclonal Antibody
Catalog # AP73320

Specification

MMP-12 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	P39900
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

MMP-12 Polyclonal Antibody - Additional Information

Gene ID 4321

Other Names
MMP12; HME; Macrophage metalloelastase; MME; Macrophage elastase; ME; hME; Matrix metalloproteinase-12; MMP-12

Dilution
WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

MMP-12 Polyclonal Antibody - Protein Information

Name MMP12

Synonyms HME

Function
May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.

Cellular Location
Secreted, extracellular space, extracellular matrix

Tissue Location
Found in alveolar macrophages but not in peripheral blood monocytes

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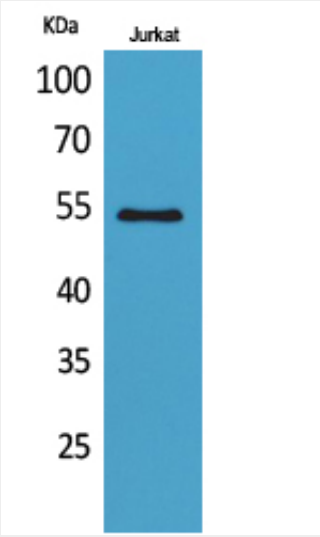
MMP-12 Polyclonal Antibody - Protocols

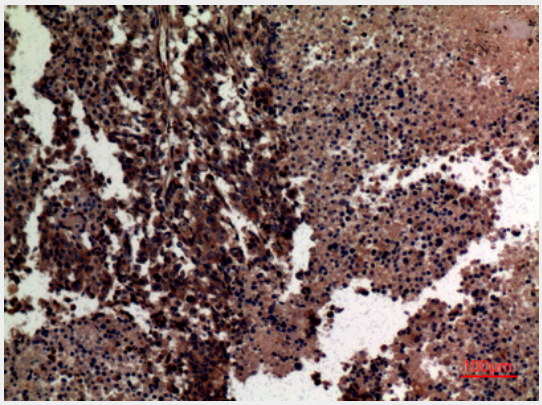
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MMP-12 Polyclonal Antibody - Images



Western Blot analysis of Jurkat cells using MMP-12 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100

MMP-12 Polyclonal Antibody - Background

May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept

large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.