



Catalog Number: RA21022

Host: Rabbit

Product Type: Rabbit Polyclonal IgG

Species Reactivity: Human, Mouse, and Rat

Immunogen Sequence: Synthetic peptide

Format: Lyophilized powder.

Applications:
Immunohistochemistry: 5-10 ug/ml
Immunofluorescence: 5-15 ug/ml
Western Blot: 1 ug/ml

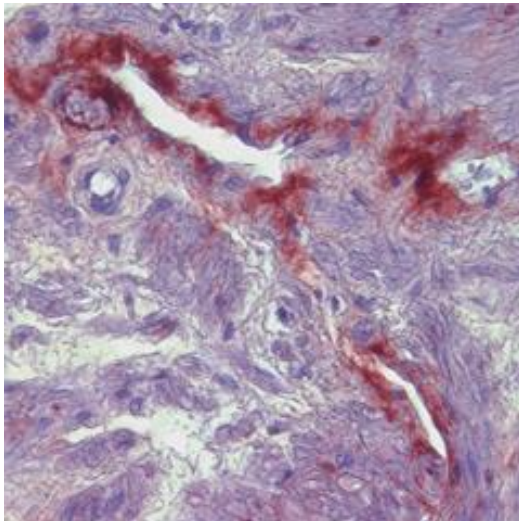
Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: The product can be stored as supplied for up to 12 months at 2°C-4°C. After reconstitution, aliquot and store at -20°C for higher stability or at 4°C with an appropriate antibacterial agent. Avoid freeze thaw-cycles.

Application Notes

Description/Data:

MMP9 degrades type IV and V collagens and is involved in proteolysis of the extracellular matrix. Produced by granulocytes and macrophages. MMP9 is involved with tissue destruction in a cancer invasion and metastasis, rheumatoid arthritis, fibrotic lung disease and cardiomyopathy.



Images: Immunohistochemical detection of MMP9 in formalin fixed human prostate cancer. 15 µm paraffin-embedded tissue sections were incubated with rabbit polyclonal antibody to MMP9 at 10 µg/mL overnight at 4°C followed by HRP/AEC detection (red) and counterstaining with hematoxylin (blue).

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