



**Catalog Number:** RA21021

**Host:** Rabbit

**Product Type:** Rabbit Polyclonal IgG

**Species  
Reactivity:** Human

**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.

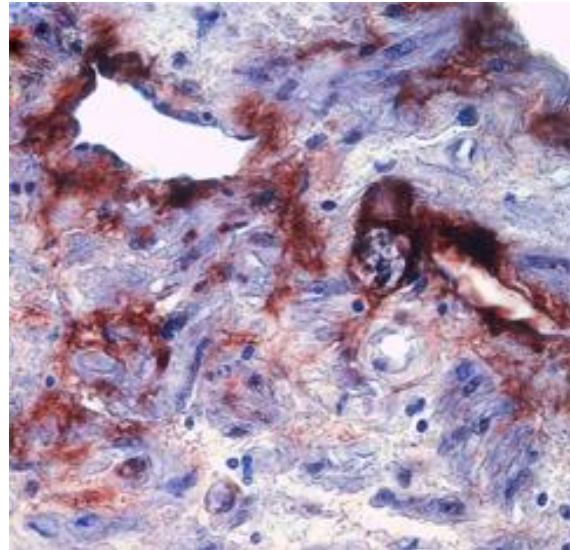
**Storage:** The product can be stored as supplied for up to 12 months at 2°C-4°C. After reconstitution, aliquot and store at -20°C for higher stability or at 4°C with an appropriate antibacterial agent. Avoid freeze thaw-cycles.

### Application Notes

#### Description/Data:

Metalloproteinase 2 is a 72kDa enzyme involved in remodeling of the vasculature, invasion of tumors and degrading extracellular matrix proteins. Its C-terminal does not have a catalytic function and have anti-tumor activity. Can be detected extracellularly, in cytoplasm and cell nuclei. MMP2 is present in many tumors including breast and prostate cancer.

*Images: Immunohistochemical detection of MMP2 in formalin fixed human prostate cancer. 10 µm paraffin-embedded tissue sections were incubated with rabbit polyclonal antibody to MMP2 at 6 µg/mL overnight at 4°C followed by HRP/AEC detection (red) and counterstaining with hematoxylin (blue).*



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