

## MMP-10 (I387) polyclonal antibody

Catalog: BS1551

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Proteins of the matrix metalloproteinase (MMP) family are zinc containing proteolytic enzymes involved in the breakdown of the extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling. They also play an important role in apoptosis, tumor cell growth, invasion, metastasis, as well as in angiogenesis and wound healing. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. Most of the MMP's contain a common domain structure, which include a signal sequence, a propeptide, a catalytic domain and a hemopexin-like (Hpx) domain. MMP10 degrades proteoglycans, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. and fibronectin. It activates procollagenase.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 54 kDa

### Swiss-Prot:

P09238

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

IF: 1:50~1:200

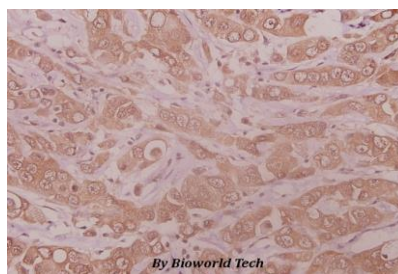
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

MMP-10 (I387) polyclonal antibody detects endogenous levels of MMP-10 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of MMP-10 (I387) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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