

MMP9 polyclonal antibody

Catalog: BS62031

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The matrix metalloproteinases (MMPs) are a family of proteases that target many extracellular proteins including other proteases, growth factors, cell surface receptors, and adhesion molecules. Among the family members, MMP-2, MMP-3, MMP-7, and MMP-9 have been characterized as important factors for normal tissue remodeling during embryonic development, wound healing, tumor invasion, angiogenesis, carcinogenesis, and apoptosis. Research studies have shown that MMP activity correlates with cancer development. One mechanism of MMP regulation is transcriptional. Once synthesized, MMP exists as a latent proenzyme. Maximum MMP activity requires proteolytic cleavage to generate active MMPs by releasing the inhibitory propeptide domain from the full length protein.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 92 kDa

Swiss-Prot:

P14780

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

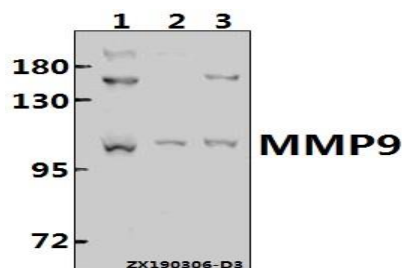
Storage&Stability:

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

Specificity:

MMP9 polyclonal antibody detects endogenous levels of MMP9 protein.

DATA:



Western blot (WB) analysis of MMP9 polyclonal antibody at 1:500 dilution

Lane1:Myla2059 whole cell lysate(40ug)

Lane2:Jurkat whole cell lysate(40ug)

Lane3:RAW264.7 whole cell lysate(40ug)

Note:

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

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