

MMP9 monoclonal antibody

Catalog: MB66886

Host: Mouse

Reactivity: Human

BackGround:

The matrix metalloproteinases 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:

Mouse IgM. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 92 kDa

Swiss-Prot:

P14780

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

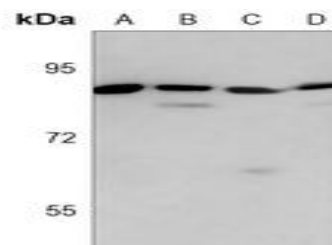
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of MMP9 protein.

DATA:



Western blot analysis of MMP9 expression in 293 (A), ZR751 (B), HL60 (C), CCRFCM (D) whole cell lysates.

Note:

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

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