

HGF monoclonal antibody

Catalog: MB66884

Host: Mouse

Reactivity: Human

BackGround:

The Hepatocyte Growth Factor was initially discovered as a mitogenic cytokine that induced hepatocyte replication and proliferation. HGF is produced by stromal cells where it is processed by extracellular serine proteases into a heterodimer consisting of alpha and beta units. Through activation of its receptor, cMET, HGF has a wide range of effects beyond hepatocytes that includes angiogenesis, epithelial cell proliferation and morphogenesis, and tissue protection and regeneration. The HGF-cMET axis has been associated with several diseases, including cancer, where HGF has been shown to promote invasion, metastasis, and drug resistance. These research studies suggest that HGF is a potential diagnostic and therapeutic target.

Product:

Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 85 kDa

Swiss-Prot:

P14210

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

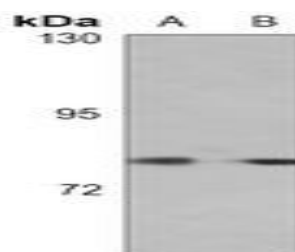
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of HGF protein.

DATA:



Western blot analysis of HGF expression in HepG2 (A), Ramos (B) whole cell lysates.

Note:

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

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