

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)

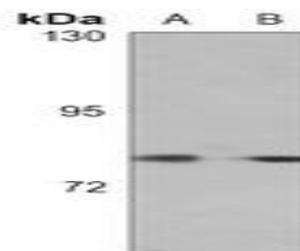
Storage&Stability:

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.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151