

À des fins de recherche uniquement

Anticorps Monoclonal anti-NeutraControl HGF



Numéro de catalogue: 69527-1-Ig

Informations de base

Numéro de catalogue:

69527-1-Ig

Taille:

100ug

Hôte:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

HZ-1084

Numéro d'acquisition GenBank:

Identification du gène (NCBI):

3082

Nom complet:

hepatocyte growth factor
(hepapoietin A; scatter factor)

Méthode de purification:

Purification par protéine A

CloneNo.:

2G4G8

Applications

Applications testées:

Non-Neutralization, ELISA

Spécificité de l'espèce:

Humain

Informations générales

Hepatocyte growth factor (HGF) is the most potent mitogen of mature hepatocytes in primary culture. HGF is derived from a biologically inactive single chain precursor of 728 amino acids (pro-HGF) localized mostly on the cell surface and in the extracellular matrix. The mature form produced following proteolytic cleavage is composed of a 69-kDa α -subunit (containing four kringle domains) and the 34 kDa β -subunit, similar to the catalytic domain of serine proteases, but with amino acid substitutions in the active site. HGF is a pleiotropic cytokine which exerts a variety of effects on several cells, being involved in the regulation of many biological processes, such as inflammation, tissue repair, morphogenesis, angiogenesis, tumour propagation, immunomodulation of viral infections and cardio-metabolic activities.

This antibody is a neutralizing control antibody for HGF, the immunogen is the same as Neutrakine 69027-1-Ig but could not neutralize human HGF.

Stockage

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Les anticorps lyophilisés sont stables pendant 1 an à compter de la date de réception s'ils sont stockés à une température comprise entre -20 °C et -80 °C. Après reconstitution, nous recommandons que la solution soit stockée à (4 °C) pour une courte durée ou à une température comprise entre (-20 °C) et (-80 °C) pour une longue durée. Il convient d'éviter les cycles répétés de congélation-décongélation avec les produits reconstitués.

Tampon de stockage:

PBS stérile.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

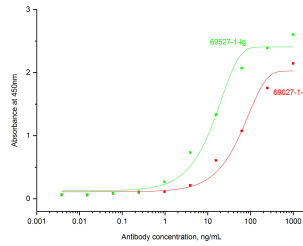
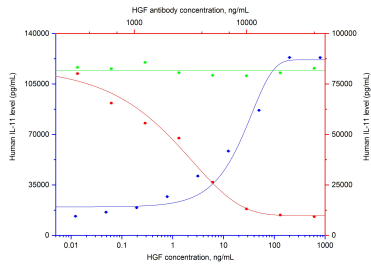
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Recombinant human HGF (Cat.NO. HZ-1084) stimulates Saos-2 cells (human osteosarcoma cell) produce IL-11 in a dose dependent manner (blue curve, refer to bottom X-Left Y axis). The activity of human HGF (50ng/mL HZ-1084) is neutralized by mouse anti-human HGF monoclonal antibody 69027-1-Ig (red curve, refer to top X-right Y axis). The ND50 is typically 2-8µg/mL. The NeutraControl mouse anti-human HGF antibody 69527-1-Ig could recognize human HGF but could not neutralize

Indirect ELISA was carried out by coating recombinant Human HGF (Cat.NO. HZ-1084) at 70 ng/well followed by blocking and adding serial diluted Thrombopoietin antibody 69027-1-Ig and 69527-1-Ig respectively. Signal was developed with TMB and stopped by H2SO4. Signal strength was measured by absorbance at 450 nm.