

Nur für Forschungszwecke

NeutraControl HGF Monoklonaler Antikörper



Katalog-Nr.: 69527-1-Ig

Allgemeine Informationen

Katalog-Nr.:
69527-1-Ig

Größe:
100ug

Wirt:
Maus

Isotyp:
IgG2a

Immunogen Katalognummer:
HZ-1084

GenBank-Zugangsnummer:

GeneID (NCBI):

3082

Vollständiger Name:

hepatocyte growth factor
(hepapoietin A; scatter factor)

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

2G4G8

Anwendungen

Geprüfte Anwendungen:

Non-Neutralization, ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Lyophilisierte Antikörper sind bei Lagerung zwischen (-20°C) und (-80°C) 1 Jahr ab Empfangsdatum stabil. Bei Rekonstitution empfehlen wir, die Lösung kurzfristig bei (4°C) oder langfristig bei (-20°C) bis (-80°C). Rekonstituierte Produkte sollten nicht wiederholt eingefroren und wieder aufgetaut werden.

Lagerungspuffer:

Sterile PBS.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

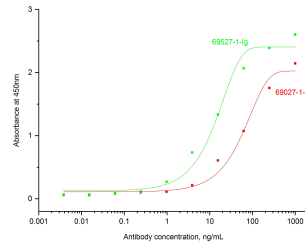
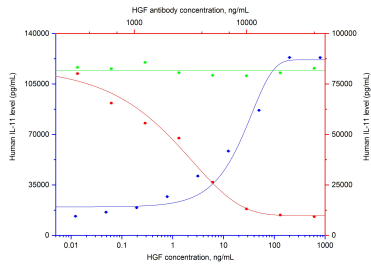
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



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.