

Anti-Hepatocyte growth factor HGF Antibody Picoband® HRP Conjugated

Catalog Number: RP1062-HRP

About Hgf

Hepatocyte growth factor/scatter factor (HGF/SF) is a paracrine cellular growth, motility and morphogenic factor. This gene is mapped to 7q21.11. It is secreted by mesenchymal cells and targets and acts primarily upon epithelial cells and endothelial cells, but also acts on haemopoietic progenitor cells. It has been shown to have a major role in embryonic organ development, specifically in myogenesis, in adult organ regeneration and in wound healing. HGF can regulate cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. HGF also serves as a paracrine mediator to control placental development and growth. HGF was identified as one of the liver sinusoidal endothelial cell-derived paracrine mediators promoting hepatocyte growth.

Overview

Product Name	Anti-Hepatocyte growth factor HGF Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q08048

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse HGF, different from the related human sequence by five amino acids, and from the related rat sequence by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP

Suggested Dilutions

The intended application should be selected according to the customer's experimental requirements.

12 Publications Citing This Product

1. PubMed ID: 22629409, HGF-Transgenic MSCs Can Improve the Effects of Tissue Self-Repair in a Rabbit Model of Traumatic Osteonecrosis of the Femoral Head
2. PubMed ID: 29484401, MicroRNA-210 promotes angiogenesis in acute myocardial infarction
3. PubMed ID: 24137203, Zhang Z, Wang G, Ma J, Liu H, Zhang X, Zhu G. Exp Ther Med. 2013 Aug;6(2):427-434. Epub 2013 Jun 6. Effect Of Herba Centellae On The Expression Of Hgf And Mcp-1.

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