

Datasheet for ABIN6937376 **anti-HGF antibody**

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Overview

Quantity:	100 µg
Target:	HGF
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HGF antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant full-length human HGF/SF protein.
Clone:	EGH2 4C12-1
Isotype:	IgG2b kappa
Specificity:	This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate alpha and beta chains, which form the mature heterodimer. This protein is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. This protein also plays a role in angiogenesis, tumorigenesis, and tissue regeneration. Although the encoded protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Mutations in this gene are associated with nonsyndromic hearing loss.

Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	HGF
Alternative Name:	HGF (HGF Products)
Background:	F-TCF, Fibroblast derived tumor cytotoxic factor, Hepatocyte growth factor (hepapoietin A, scatter factor), Hepatocyte growth factor beta chain, Hepatopoietin-A, HGF, HGFB, HPTA, Lung fibroblast derived mitogen, Scatter Factor,HGF / SF Cellular localisation: Cytoplasmic
Molecular Weight:	91/64/34kDa precursor//
Gene ID:	3082, 396530, 561679
UniProt:	P14210
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Glycosaminoglycan Metabolic Process , Synaptic Membrane , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	Known_Application: ELISA (For coating, order antibody without BSA),Optimal dilution for a specific application should be determined. Positive_Control: HGF lysate.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months