

Hepatocyte Growth Factor Antibody / HGF [clone EGH2 4C12.1] (V7839)

Catalog No.	Formulation	Size
V7839-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7839-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7839SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	EGH2 4C12.1
Purity	Protein G affinity chromatography
UniProt	P14210
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This Hepatocyte Growth Factor antibody is available for research use only.



Description

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.

Application Notes

Optimal dilution of the Hepatocyte Growth Factor antibody should be determined by the researcher.

Immunogen

Recombinant full-length human HGF protein was used as the immunogen for this Hepatocyte Growth Factor antibody.

Storage

Store the Hepatocyte Growth Factor antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).