

Datasheet for ABIN7425623  
**anti-HGF antibody (AA 495-728)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	HGF
Binding Specificity:	AA 495-728
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Hepatocyte Growth Factor (HGF)
Immunogen:	Recombinant Hepatocyte Growth Factor (HGF) corresponding to Val495~Ser728 with N-terminal His Tag
Clone:	C1
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against HGF. It has been selected for its ability to recognize HGF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

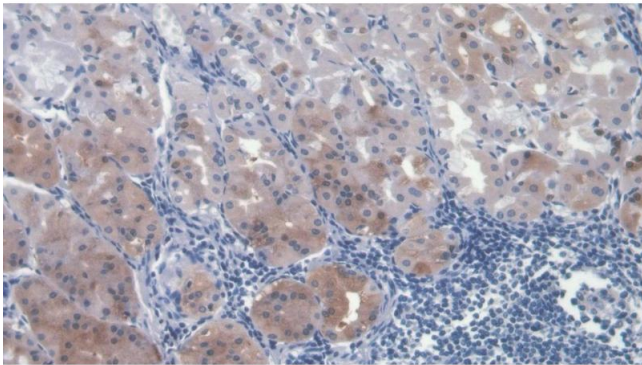
Target:	HGF
Alternative Name:	Hepatocyte Growth Factor ( <a href="#">HGF Products</a> )
Background:	HGF, F-TCF, HGFB, HPTA, SF, Scatter Factor, Hepapoinetin A, Fibroblast-Derived Tumor Cytotoxic Factor, Lung Fibroblast-Derived Mitogen
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

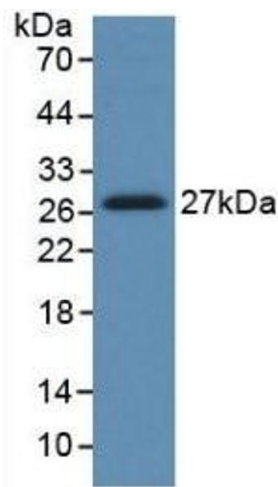
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

**Image 1.** Detection of HGF in Human Stomach Tissue using Monoclonal Antibody to Hepatocyte Growth Factor (HGF)



Western Blotting

**Image 2.** Detection of Recombinant HGF, Human using Monoclonal Antibody to Hepatocyte Growth Factor (HGF)