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**Images** 

anti-HDGF antibody



# Overview

Quantity:	100 μL
Target:	HDGF
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HDGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

# **Product Details**

Purpose:	HDGF Rabbit mAb
Immunogen:	A synthesized peptide derived from human HDGF.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

# Target Details

Target:	HDGF
Alternative Name:	HDGF (HDGF Products)
Background:	This gene encodes a member of the hepatoma-derived growth factor family. The encoded

### **Target Details**

protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation. High levels of expression of this gene enhance the growth of many tumors. This gene was thought initially to be located on chromosome X, however, that location has been determined to correspond to a related pseudogene. Alternatively spliced transcript variants encoding distinct isoforms have been described.,HDGF, HMG1L2, heparin binding growth factor,Epigenetics & Nuclear Signaling,RNA Binding,Cancer,Tumor biomarkers,Cell Biology & Developmental Biology,Growth factor,HDGF

Molecular Weight: 37kDa

Gene ID: 3068

UniProt: P51858

Pathways: ER-Nucleus Signaling

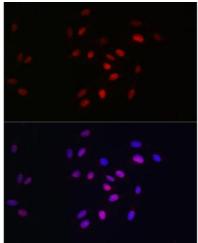
### **Application Details**

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

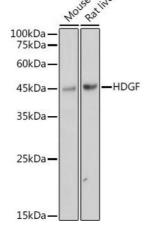
Restrictions: For Research Use only

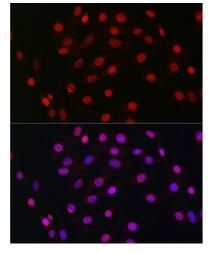
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



# 100kDa-





### **Immunofluorescence**

Image 1. Immunofluorescence analysis of U2OS cells using HDGF Rabbit mAb (ABIN7267622) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

### **Western Blotting**

Image 2. Western blot analysis of extracts of various cell lines, using HDGF antibody (ABIN7267622) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

### **Immunofluorescence**

Image 3. Immunofluorescence analysis of NIH/3T3 cells using HDGF Rabbit mAb (ABIN7267622) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.