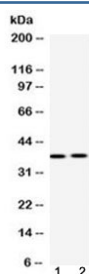


HDGF Antibody (R32600)

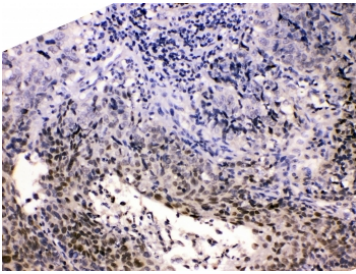
Catalog No.	Formulation	Size
R32600	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

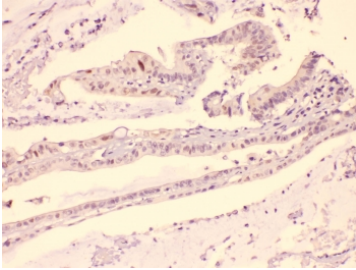
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P51858
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Immunofluorescence (FFPE) : 2-4ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This HDGF antibody is available for research use only.



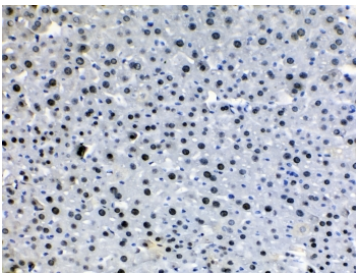
Western blot testing of 1) rat liver and 2) human 22RV1 (prostate carcinoma) lysate with HDGF antibody at 0.5ug/ml. Predicted molecular weight ~26 kDa but routinely observed at ~38 kDa.



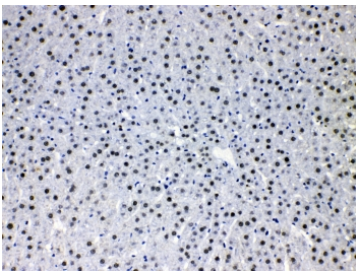
IHC testing of FFPE human lung carcinoma with HDGF antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



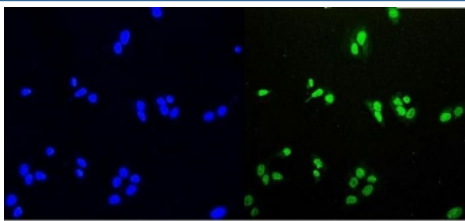
IHC testing of FFPE human intestinal carcinoma with HDGF antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



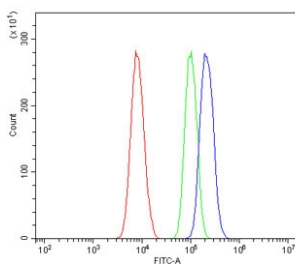
IHC testing of FFPE mouse liver tissue with HDGF antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



IHC testing of FFPE rat liver tissue with HDGF antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



Immunofluorescent staining of FFPE human U-2 OS cells with HDGF antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human A431 cells with HDGF antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HDGF antibody.

Description

Hepatoma-derived growth factor (HDGF), also known as high mobility group protein 1-like 2 (HMG-1L2), is a protein that

in humans is encoded by the HDGF gene. This gene encodes a member of the hepatoma-derived growth factor family. The encoded 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. And 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.

Application Notes

Optimal dilution of the HDGF antibody should be determined by the researcher.

Immunogen

Amino acids 61-97 (KDLFPYEEESKEKFGKPNKRKGFSEGLWEIENNPTVKA-human) were used as the immunogen for the HDGF antibody.

Storage

After reconstitution, the HDGF antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.