

Anti-HDGF Antibody

CATALOG NO.: A1938-100 100 µl.

BACKGROUND DESCRIPTION: 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. 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.

ALTERNATE NAMES: HDGF; HMG1L2; heparin binding growth factor

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Recombinant fusion protein corresponding to aa 1-240 of human HDGF (NP_004485.1)

MOLECULAR WEIGHT: 38kDa

PURIFICATION: Affinity purified

FORM: Liquid

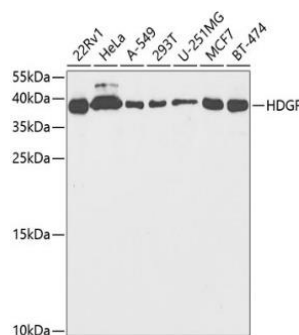
FORMULATION: In PBS with 0.02% sodium azide, 50% glycerol, pH7.3

SPECIES REACTIVITY: Rat, Mouse, Human

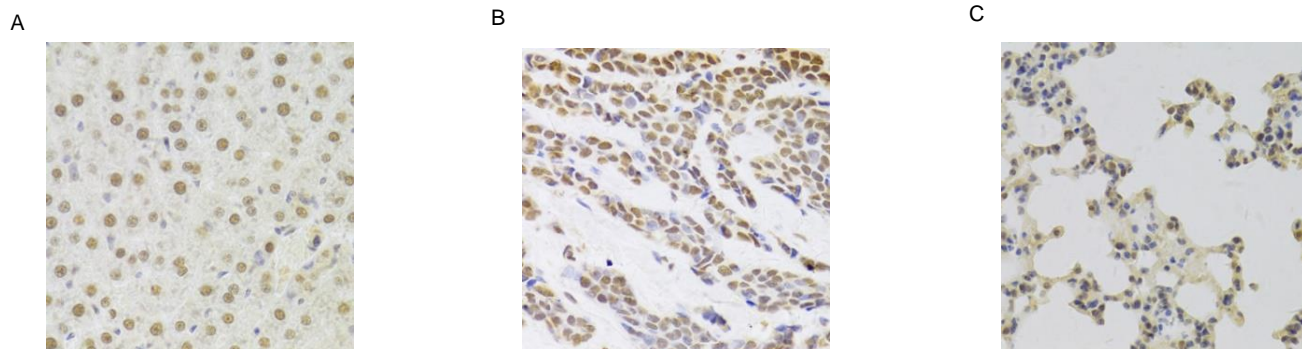
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: IF 1:50 - 1:200; WB 1:500 - 1:2000; IHC 1:50 - 1:200

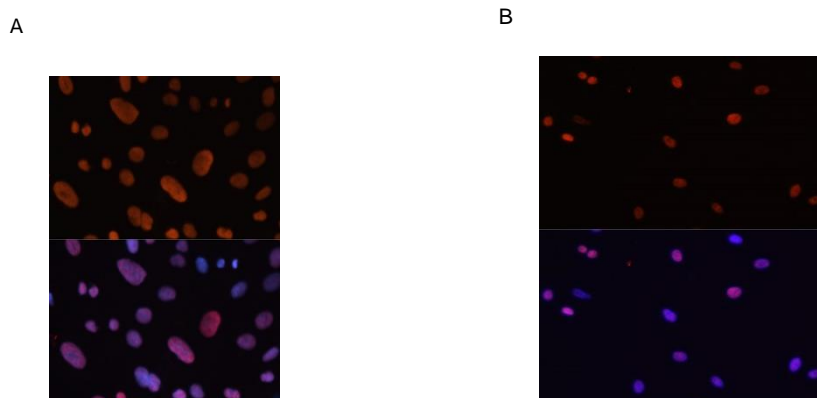
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of extracts of various cell lines, using HDGF antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat liver (A), human breast cancer (B) and mouse lung (C) using HDGF Antibody at dilution of 1:100 (40x lens)



Immunofluorescence analysis of U2OS (A) and C6 cells (B) using HDGF antibody at dilution of 1:100. Blue: DAPI for nuclear staining

RELATED PRODUCTS:

- VEGF Antibody (5365)
- Anti-TGF- β 1 Antibody (A1456)
- Anti-PEG10 Antibody (1E2-F12-C12) (A1321)
- HDAC1 Antibody (3601)

FOR RESEARCH USE ONLY! Not to be used on humans.