

For Research Use Only

HDGF Monoclonal antibody

Catalog Number: 60064-1-Ig **7 Publications**



Basic Information

Catalog Number: 60064-1-Ig	GenBank Accession Number: BC018991	Purification Method: Protein G purification
Size: 150ul , Concentration: 1100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3068	CloneNo.: 5A7G3
Source: Mouse	UNIPROT ID: P51858	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:50-1:500
Isotype: IgG1	Full Name: hepatoma-derived growth factor (high-mobility group protein 1-like)	
Immunogen Catalog Number: AG1893	Calculated MW: 26 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IF, IHC, ColP	WB : SMMC-7721 cells, A549 cells, HeLa cells, HepG2 cells, L02 cells, rat liver tissue
Species Specificity: human, mouse, rat	IHC : human liver cancer tissue, human colon cancer tissue, human kidney tissue
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

HDGF, also named as HMG1L2, belongs to the HDGF family. It is a heparin-binding protein, with mitogenic activity for fibroblasts. HDGF acts as a transcriptional repressor. It plays important roles in the development and progression of cancers. HDGF may have a synergistic effect with VEGF during cancer development and Progression. (PMID:20848225)

Notable Publications

Author	Pubmed ID	Journal	Application
Li San-Zhong SZ	23771798	Med Oncol	IHC
Xin Chen	31358969	Nat Cell Biol	WB
Ye-Wei Zhang	34368121	Front Cell Dev Biol	WB,IF,ColP

Storage

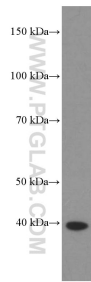
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

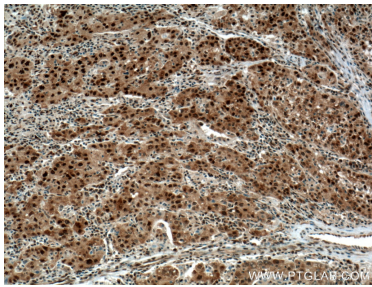
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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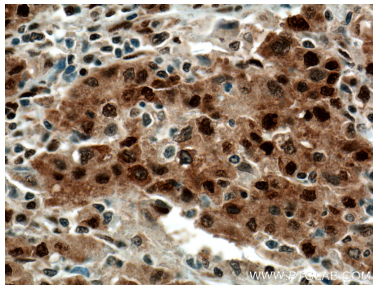
Selected Validation Data



SMMC-7721 cells were subjected to SDS PAGE followed by western blot with 60064-1-Ig (HDGF Antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60064-1-Ig (HDGF Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60064-1-Ig (HDGF Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).