

For Research Use Only

# MYDGF/C19orf10 Polyclonal antibody



Catalog Number: 11353-1-AP

Featured Product

6 Publications

## Basic Information

**Catalog Number:**

11353-1-AP

**Size:**

350 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1900

**GenBank Accession Number:**

BC010129

**GeneID (NCBI):**

56005

**UNIPROT ID:**

Q969H8

**Full Name:**

chromosome 19 open reading frame 10

**Calculated MW:**

173 aa, 19 kDa

**Observed MW:**

15-19 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

IF 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Cited Applications:**

WB, IF, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** DU 145 cells, HeLa cells, mouse colon tissue, Jurkat cells

**IHC:** human liver cancer tissue,

**IF:** HepG2 cells,

## Background Information

Myeloid-derived growth factor (MYDGF), also named as chromosome 19 open reading frame 10 (C19orf10), is an FLS-derived protein that is secreted into the synovial fluid. MYDGF as a paracrine-acting protein secreted from monocytes/macrophages that improves tissue repair and heart function after myocardial infarction. MYDGF has been reported to regulate neutrophil motility in interstitial tissue damage (PMID: 34047769).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yanxin Lu	34552877	Front Oncol	WB,IHC
Ping Zhan	35623505	Kidney Int	WB,IHC,IF
Biyang Meng	34020949	Sci Adv	WB,IF

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

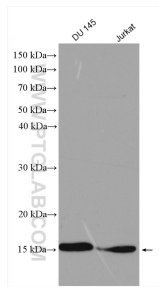
T: 4006900926

E: Proteintech-CN@ptglab.com

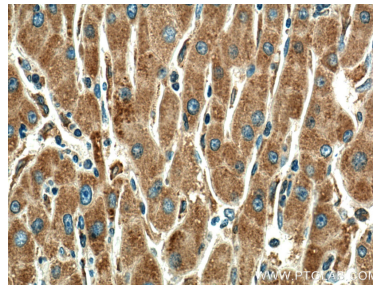
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

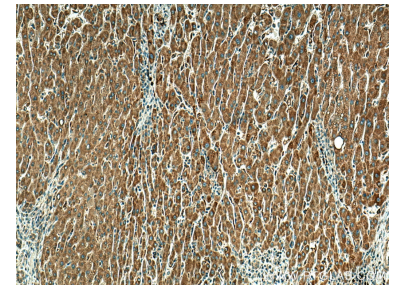
## Selected Validation Data



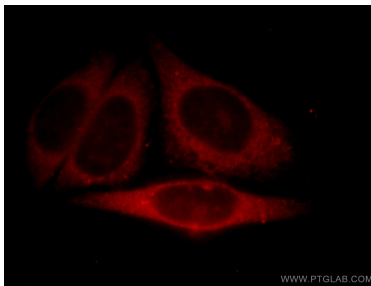
various cells were subjected to SDS PAGE followed by western blot with 11353-1-AP (MYDGF/C19orf10F antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11353-1-AP (MYDGF antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11353-1-AP (MYDGF antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using MYDGF/C19orf10 antibody 11353-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).