

For Research Use Only

# MASP1 Polyclonal antibody

Catalog Number: 21837-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:

21837-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16432

GenBank Accession Number:

BC106945

GeneID (NCBI):

5648

UNIPROT ID:

P48740

Full Name:

mannan-binding lectin serine  
peptidase 1 (C4/C2 activating  
component of Ra-reactive factor)

Calculated MW:

728 aa, 82 kDa

Observed MW:

40-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:100-1:400

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IP, IF, IHC

Species Specificity:

human

Cited Species:

human, 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 : HeLa cells,

IHC : human liver cancer tissue,

## Background Information

## Notable Publications

| Author        | Pubmed ID | Journal       | Application |
|---------------|-----------|---------------|-------------|
| Xianzhi Liu   | 35849032  | Hepatology    | WB,IHC,IP   |
| Binshan Zhang | 36582241  | Front Immunol | 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:

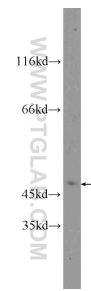
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

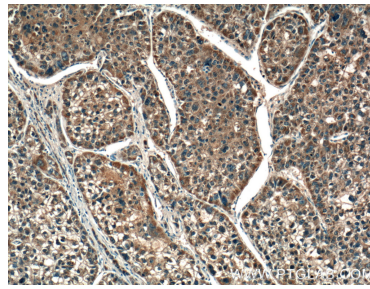
W: [ptgcn.com](http://ptgcn.com)

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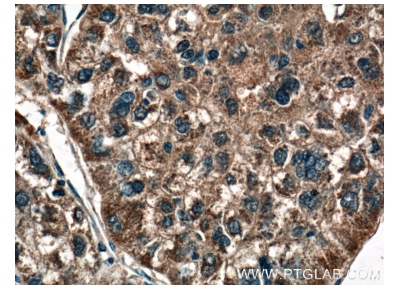
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 21837-1-AP (MASP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 21837-1-AP (MASP1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 21837-1-AP (MASP1 Antibody) at dilution of 1:200 (under 40x lens).