

For Research Use Only

# MST4 Polyclonal antibody

Catalog Number: 10847-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

10847-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1302

GenBank Accession Number:

BC017213

GeneID (NCBI):

51765

UNIPROT ID:

Q9P289

Full Name:

serine/threonine protein kinase MST4

Calculated MW:

16 kDa, 46 kDa

Observed MW:

47-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:50-1:500

## Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse, rat

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 : HepG2 cells, Jurkat cells, HL-60 cells, MCF-7 cells, L02 cells

IP : MCF-7 cells,

IHC : human colon cancer tissue,

IF : MCF-7 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xiaodong Wu	34534636	Brain Res Bull	WB,IF
Hanxi Yu	33244239	Onco Targets Ther	IHC
Zhen-Hai Lin	24859810	Int J Oncol	WB,IHC,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:

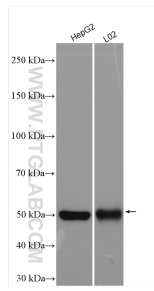
T: 4006900926

E: Proteintech-CN@ptglab.com

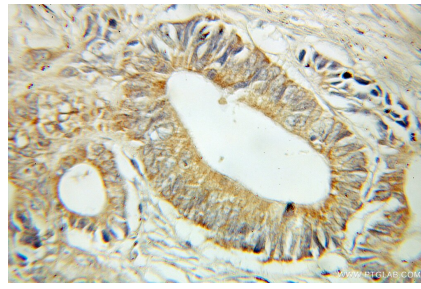
W: ptgcn.com

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

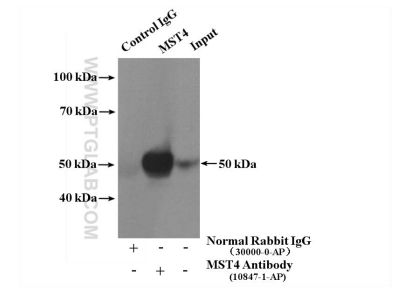
## Selected Validation Data



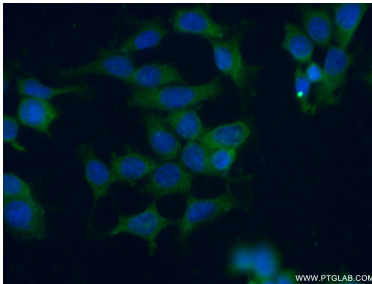
Various lysates were subjected to SDS PAGE followed by western blot with 10847-1-AP (MST4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 10847-1-AP (RP6-213H19.1 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-MST4 (IP:10847-1-AP, 4ug; Detection:10847-1-AP 1:500) with MCF-7 cells lysate 2400ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 10847-1-AP (MST4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).