

For Research Use Only

MST4 Polyclonal antibody

Catalog Number: 10847-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 10847-1-AP	GenBank Accession Number: BC017213	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51765	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: serine/threonine protein kinase MST4	IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG	Calculated MW: 16 kDa, 46 kDa	
Immunogen Catalog Number: AG1302	Observed MW: 47-50 kDa	

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
IF, IHC, WB

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

*** 20ul sizes contain 0.1% BSA

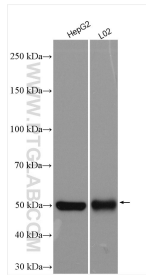
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

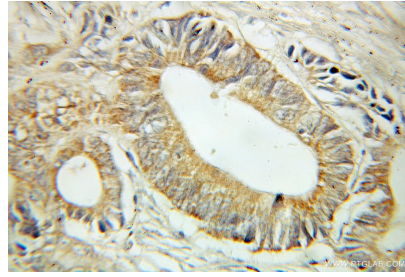
E: proteintech@ptglab.com
W: ptglab.com

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

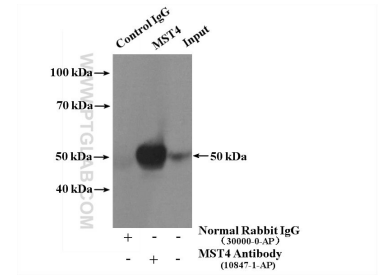
Selected Validation Data



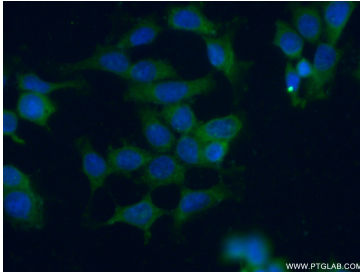
Various lysates were subjected to SDS PAGE followed by western blot with 10847-1-AP (MST4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).