

For Research Use Only

MBIP Monoclonal antibody

Catalog Number: 66102-1-Ig **Featured Product**



Basic Information

Catalog Number:

66102-1-Ig

Size:

1207 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG18090

GenBank Accession Number:

BC005197

GeneID (NCBI):

51562

UNIPROT ID:

Q9NS73

Full Name:

MAP3K12 binding inhibitory protein 1

Calculated MW:

39 kDa

Observed MW:

39 kDa

Purification Method:

Protein A purification

CloneNo.:

2E6H11

Recommended Dilutions:

WB 1:3000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total

protein lysate

IHC 1:400-1:1600

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

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, HEK-293 cells, human heart tissue, HepG2 cells, LNCaP cells, Jurkat cells, THP-1 cells, K-562 cells

IP: HEK-293 cells,

IHC: human kidney tissue, mouse testis tissue

Background Information

MBIP (MAP3K12 binding inhibitory protein 1), also known as MAPK upstream kinase (MUK)-binding inhibitory protein, is a 344 amino acid nuclear and cytoplasmic protein that assists in the activation of the JNK pathway by inhibiting ZPK activity. Ubiquitously expressed, MBIP is found at high levels in lung and heart and is one component of the ADA2A-containing complex (ATAC) in conjunction with ADA3, GCN5, CDC101, TADA2L, WDR5, YEATS2, DR1 and CRP2BP.

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:

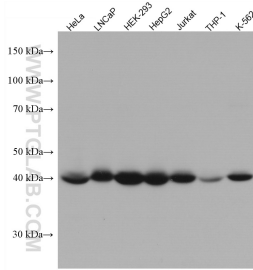
T: 4006900926

E: Proteintech-CN@ptglab.com

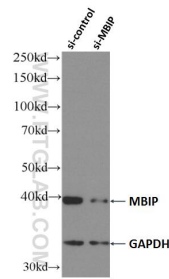
W: ptgcn.com

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

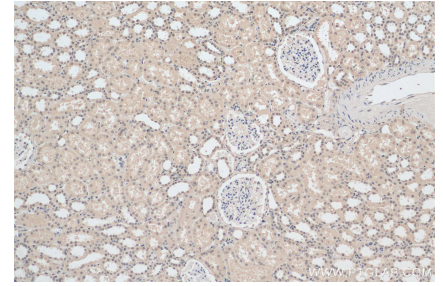
Selected Validation Data



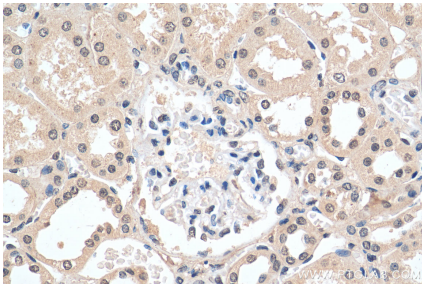
Various lysates were subjected to SDS PAGE followed by western blot with 66102-1-Ig (MBIP antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



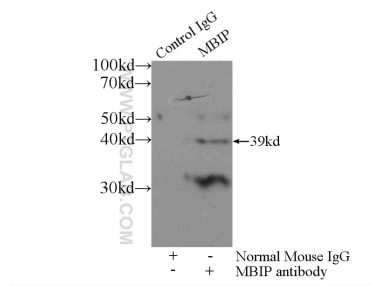
WB result of MBIP antibody (66102-1-Ig; 1:2000; room temperature for 1.5 hours) with sh-Control and sh-MBIP transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66102-1-Ig (MBIP antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66102-1-Ig (MBIP antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-MBIP (IP:66102-1-Ig, 3ug; Detection:66102-1-Ig 1:300) with HEK-293 cells lysate 1800ug.