

MBIP

Monoclonal ANTIBODY

Catalog Number: 66102-1-Ig

Featured Product

Basic Information

Catalog Number:
66102-1-Ig

Size:
181 µg/150 µl

Source:
Mouse

Isotype:
IgG2b

Purification Method:
Protein A purification

Immunogen Catalog Number:
AG18090

GenBank Accession Number:
BC005197

GeneID (NCBI):
51562

Full Name:
MAP3K12 binding inhibitory protein 1

Calculated MW:
39 kDa

Observed MW:
39 kDa

Recommended Dilutions:

WB : 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

human

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

Positive Controls:

WB : 293 cells; HepG2 cells, human heart tissue

IP : HEK-293 cells;

IHC : human heart; 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.

Notable Publications

Author	Pubmed ID	Journal	Application
--------	-----------	---------	-------------

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

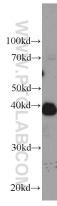
For technical support and original validation data for this product please contact:

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

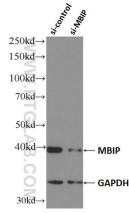
E: proteintech@ptglab.com
W: ptglab.com

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

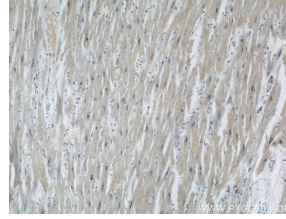
Selected Validation Data



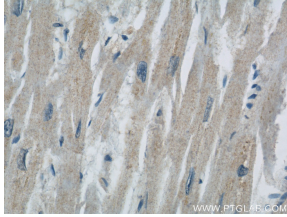
HEK-293 cells were subjected to SDS PAGE followed by western blot with 66102-1-Ig(MBIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



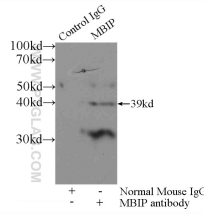
WB result of MBIP antibody (66102-1-Ig; 1:2000; room temperature for 1.5 hours) with sh-Control and sh-MBIP transfected HEK-293 cells



Immunohistochemistry of paraffin-embedded human heart slide using 66102-1-Ig(MBIP Antibody) at dilution of 1:50



Immunohistochemistry of paraffin-embedded human heart slide using 66102-1-Ig(MBIP Antibody) at dilution of 1:50



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