

For Research Use Only

MBIP Monoclonal antibody

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



Basic Information

Catalog Number: 66102-1-Ig	GenBank Accession Number: BC005197	Purification Method: Protein A purification
Size: 150ul , Concentration: 1207 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51562	CloneNo.: 2E6H11
Source: Mouse	UNIPROT ID: Q9NS73	Recommended Dilutions: WB 1:3000-1:8000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:400-1:1600
Isotype: IgG2b	Full Name: MAP3K12 binding inhibitory protein 1	
Immunogen Catalog Number: AG18090	Calculated MW: 39 kDa	
	Observed MW: 39 kDa	

Applications

Tested Applications: WB, IP, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HeLa cells, HEK-293 cells, human heart tissue, HepG2 cells, LNCaP cells, Jurkat cells, THP-1 cells, K-562 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

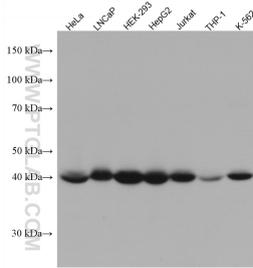
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

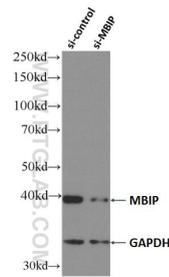
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

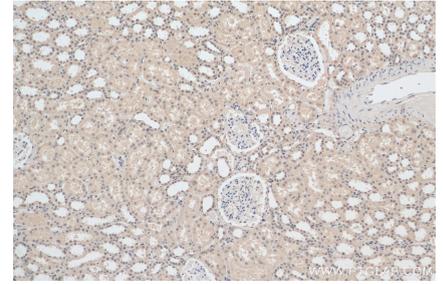
Selected Validation Data



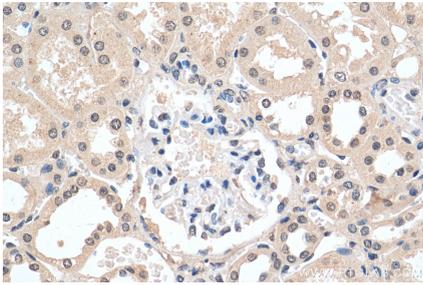
Various lysates were subjected to SDS PAGE followed by western blot with 66102-1-Ig (MBIP antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



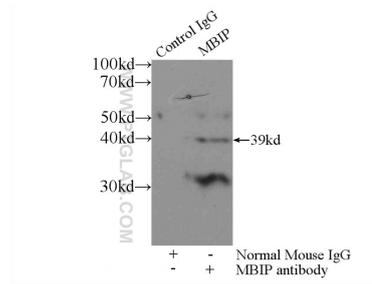
WB result of MBIP antibody (66102-1-Ig; 1:2000; room temperature for 1.5 hours) with sh-Control and sh-MBIP transfected HEK-293 cells.



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.