

For Research Use Only

B-Myb Polyclonal antibody

Catalog Number: 18896-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

18896-1-AP

Size:

150ul, Concentration: 600 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13525

GenBank Accession Number:

BC007585

GeneID (NCBI):

4605

UNIPROT ID:

P10244

Full Name:

v-myb myeloblastosis viral oncogene homolog (avian)-like 2

Calculated MW:

79 kDa

Observed MW:

90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IP, IF, IHC, CHIP

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells,

IP : HeLa cells,

IHC : human prostate cancer tissue,

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

Background Information

MYBL2, also named as BMYB, is a 700 amino acid protein, which is phosphorylated by cyclin A/CDK2 during S-phase. MYBL2 is a transcription factor involved in the regulation of cell survival, proliferation, and differentiation. The calculated molecular weight of MYBL2 is 79 kDa, but modified MYBL2 is about 90 kDa (PMID: 11418655).

Notable Publications

Author	Pubmed ID	Journal	Application
Qun Liu	36151333	Cancer Gene Ther	WB,IHC,IP
Junqi Fu	36133745	Mediators Inflamm	WB
Yuri Lee	36291764	Cancers (Basel)	WB

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

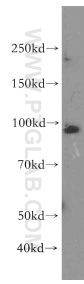
For technical support and original validation data for this product please contact:

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

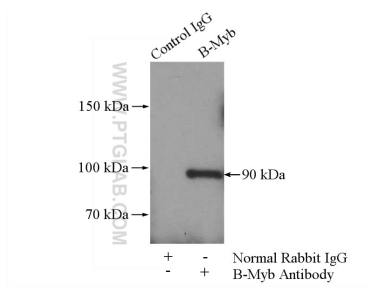
E: proteintech@ptglab.com
W: ptglab.com

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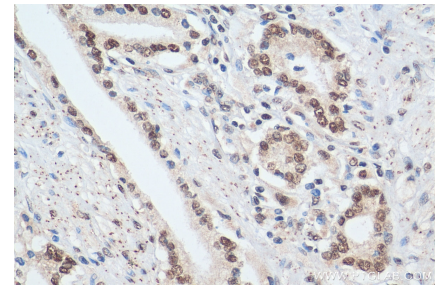
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 18896-1-AP (B-Myb antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-B-Myb (IP:18896-1-AP, 4ug; Detection:18896-1-AP 1:300) with HeLa cells lysate 1520ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 18896-1-AP (B-Myb antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).