

For Research Use Only

# B-Myb Polyclonal antibody

Catalog Number: 18896-1-AP

Featured Product

17 Publications



## Basic Information

**Catalog Number:**

18896-1-AP

**Size:**

150ul, Concentration: 600 ug/ml by Nanodrop;

**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, IHC, IF, IP, ChIP

**Species Specificity:**

human

**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 : HeLa cells,

IP : HeLa cells,

IHC : human prostate cancer tissue,

## 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

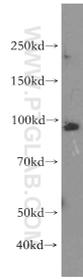
For technical support and original validation data for this product please contact:

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

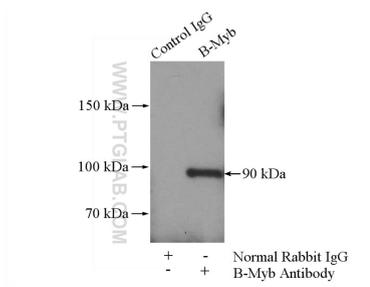
E: proteintech@ptglab.com  
W: ptglab.com

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

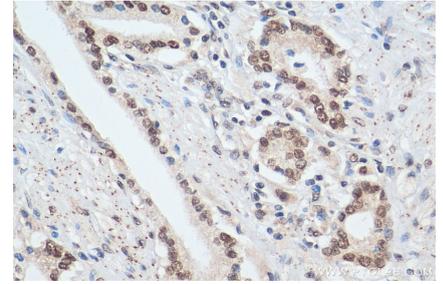
## Selected Validation Data



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).