

For Research Use Only

# MYB/c-Myb Recombinant antibody

Catalog Number: 82804-2-RR



## Basic Information

<b>Catalog Number:</b> 82804-2-RR	<b>GenBank Accession Number:</b> BC064955	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4602	<b>CloneNo.:</b> 230179C11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10242	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> v-myb myeloblastosis viral oncogene homolog (avian)	
<b>Immunogen Catalog Number:</b> AG12021	<b>Calculated MW:</b> 640 aa, 72 kDa	
	<b>Observed MW:</b> 40-50 kDa, 72-80 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, Jurkat cells, MOLT-4 cells, HT-29 cells
<b>Species Specificity:</b> Human	

## Background Information

The MYB protein is a transcription factor that plays a key role in regulating the proliferation/differentiation of progenitor cells in bone marrow, colonic crypts, and neurogenic niches [PMID:18574464]. It is involved in the regulation of epithelial-to-mesenchymal transition (EMT) and invasion in neuroblastoma, colon carcinoma, and embryonic kidney cells through the upregulation of the transcription repressor Slug [PMID:20622260]. It also a DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3', and plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells. MYB exists some isoforms with MV 85, 75, 72, 68, 63 and 40 kDa.

## Storage

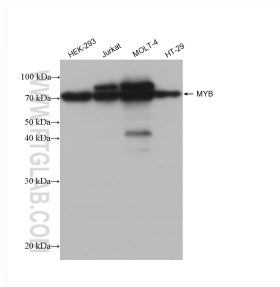
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



Various lysates were subjected to SDS PAGE followed by western blot with 82804-2-RR (MYB antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.