

For Research Use Only

# MYB/c-Myb Monoclonal antibody, PBS Only

Catalog Number: 60550-1-PBS



## Basic Information

<b>Catalog Number:</b> 60550-1-PBS	<b>GenBank Accession Number:</b> BC064955	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4602	<b>CloneNo.:</b> 2A12C2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P10242	
<b>Isotype:</b> IgG1	<b>Full Name:</b> v-myb myeloblastosis viral oncogene homolog (avian)	
<b>Immunogen Catalog Number:</b> AG34185	<b>Calculated MW:</b> 640 aa, 72 kDa	
	<b>Observed MW:</b> 40-50 kDa, 72-80 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, pig

## 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

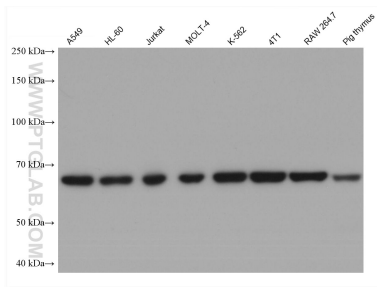
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60550-1-Ig (MYB antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60550-1-PBS in a different storage buffer formulation.