

For Research Use Only

MYB/c-Myb Monoclonal antibody

Catalog Number: 60550-1-Ig



Basic Information

Catalog Number: 60550-1-Ig	GenBank Accession Number: BC064955	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4602	CloneNo.: 2A12C2
Source: Mouse	UNIPROT ID: P10242	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: v-myb myeloblastosis viral oncogene homolog (avian)	
Immunogen Catalog Number: AG34185	Calculated MW: 640 aa, 72 kDa	
	Observed MW: 40-50 kDa, 72-80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, pig	WB : A549 cells, HL-60 cells, Jurkat cells, MOLT-4 cells, K-562 cells, 4T1 cells, RAW 264.7 cells, pig thymus tissue

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'-YAA C[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

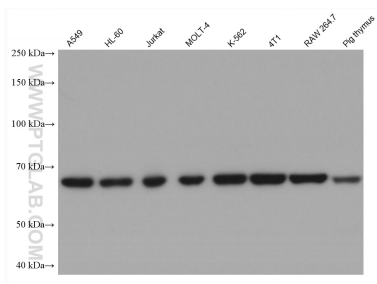
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 60550-1-Ig (MYB antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.