



c-Myb (Phospho Ser11) Rabbit mAb

Catalog No	YP-rAb-18359
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,IP,ELISA
Gene Name	MYB
Protein Name	Transcriptional activator Myb
Purification Process	Protein A
Specificity	c-Myb (Phospho Ser11) Antibody detects endogenous levels of c-Myb protein only when phosphorylated at S11.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):IYsSD
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	MYB ; Transcriptional activator Myb ; Proto-oncogene c-Myb
Observed Band	80kD
Calculated Molecular Weight	72kD
Cell Pathway	Nucleus .
Tissue Specificity	Liver,Placenta,Testis,
Function	Domain:Comprised of 3 domains; an N-terminal DNA-binding domain, a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression.,Function:Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.,PTM:Phosphorylated by NLK on multiple sites, which induces proteasomal

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degradation.,PTM:Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.,similarity:Contains 3 HTH myb-type DNA-binding domains.,subunit:Binds MYBBP1A. Interacts with HIPK2, MAF and NLK.,

Background

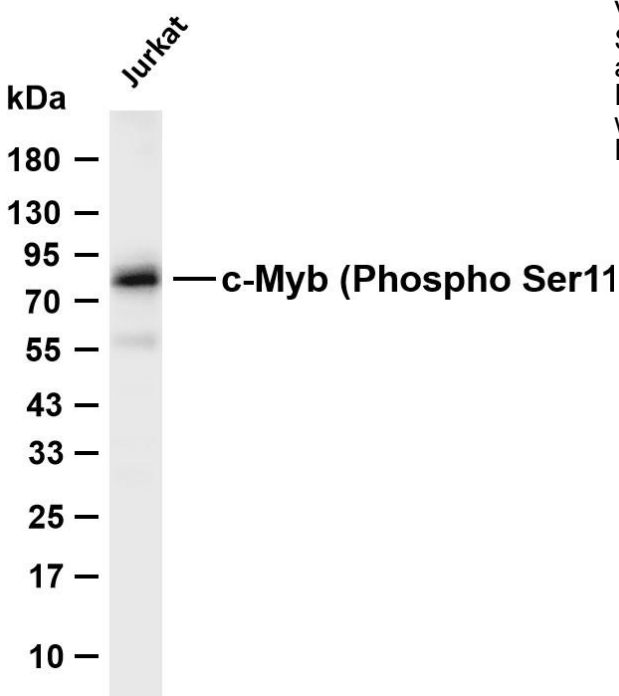
This gene encodes a protein with three HTH DNA-binding domains that functions as a transcription regulator. This protein plays an essential role in the regulation of hematopoiesis. This gene may be aberrantly expressed or rearranged or undergo translocation in leukemias and lymphomas, and is considered to be an oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-c-Myb (Phospho Ser11) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Jurkat
Predicted band size: 72kDa Observed band size: 80kDa

