

ARG40468 anti-c-Myb antibody [1279CT309.289]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes c-Myb
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	1279CT309.289
Isotype	IgG1, kappa
Target Name	c-Myb
Species	Human
Immunogen	KLH-conjugated recombinant protein corresponding to aa. 1-185 of Human c-Myb.
Conjugation	Un-conjugated
Alternate Names	Transcriptional activator Myb; Proto-oncogene c-Myb; c-myb_CDS; c-myb; Cmyb; efg

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	

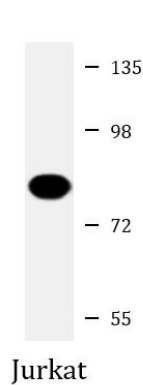
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MYB
Gene Full Name	v-myb avian myeloblastosis viral oncogene homolog
Background	This gene encodes a transcription factor that is a member of the MYB family of transcription factor genes. The protein contains three domains, an N-terminal DNA-binding domain, a central transcriptional activation domain and a C-terminal domain involved in transcriptional repression. This protein plays an essential role in the regulation of hematopoiesis and may play a role in tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2009]
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. [UniProt]
Calculated Mw	63 - 85 kDa
PTM	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation. Phosphorylated by HIPK1. This phosphorylation reduces MYB transcription factor activity but not MYB protein levels. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



ARG40468 anti-c-Myb antibody WB image

Western blot: 20 µg of Jurkat whole cell lysate stained with ARG40468 anti-c-Myb antibody at 1:2000 dilution.