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Anti-c-Myc Rabbit mAb [49B27]

Catalog No.: A52083

Basic Information

Catalog No. (Cat.No.)	A52083
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	c-Myc,p62,v-myc avian myelocytomatosis viral oncogene homolog

Product Information

Target	c-Myc
Molecular Weight(Calculated)	48 kDa
Molecular Weight(Observed)	60 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	49B27
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	MYC proto-oncogene, bHLH transcription factor
Gene Name	*MYC*
Domain	NA
Background	c-Myc (Proto-oncogene c-Myc) belongs to MYC bHLH-LZ transcription-factor family and drives transcriptional reprogramming for cell proliferation and metabolism. c-Myc heterodimerizes with Max, binds E-box motifs and modulates transcription of thousands of target genes governing cell-cycle progression, ribosome biogenesis, glycolipid metabolism and apoptosis. c-Myc is tightly regulated at transcriptional and protein-stability levels. Gene amplification or transcriptional activation in tumors causes c-Myc accumulation, driving malignant proliferation and metabolic reprogramming.