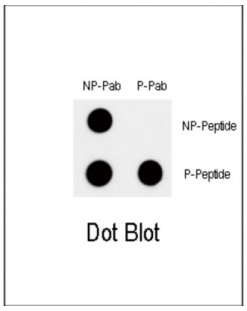
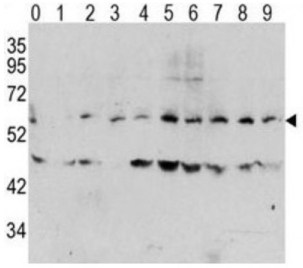
MYC (pT58) Antibody

Catalogue No.:abx031945





MYC participates in the regulation of gene transcription. It binds DNA both in a non-specific manner and also specifically to recognizes the core sequence 5'-CAC[GA]TG-3'. This protein appears to activate the transcription of growth-related genes. Overexpression of MYC is implicated in the etiology of a variety of hematopoietic tumors. A chromosomal aberration involving MYC may be a cause of a form of B-cell chronic lymphocytic leukemia.

Target:	MYC (pT58)
Clonality:	Polyclonal
Target Modification:	Thr58
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, WB, DB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T58 of human MYC.

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Isotype:	IgG
Form:	Liquid
Purification:	Purified by protein A affinity chromatography. Then, the antibody fraction was peptide affinity purified in a 2-step procedure with peptides. The antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P01106 (UniProt, ExPASy)
NCBI Accession:	NP_002458.2
KEGG:	hsa:4609
String:	9606.ENSP00000479618
Molecular Weight:	Calculated MW: 48.8 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse, Rat, Cow, Pig, Sheep, Zebrafish and Xenopus MYC.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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