

c-Myc (ANT0028R) Rabbit mAb

CatalogNo: ANT8143 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,
- WB,IHC,IF,IP,ELISA

Reactivity

Applications

MW

- 48kD (Calculated)
- IgG,Kappa
- 60kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:200-1000

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

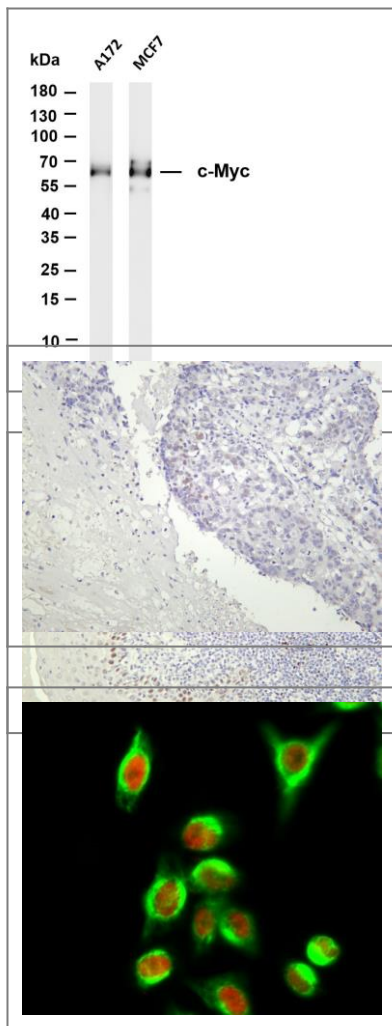
Clone Number ANT0028R

Target Information

Endogenous

Gene name	MYC BHLHE39		
Protein Name	Myc proto-oncogene protein (Class E basic helix-loop-helix protein 39) (bHLHe39) (Protooncogene c-Myc) (Transcription factor p64)		
	Organism	Gene ID	UniProt ID
	Human	4609;	P01106;
	Mouse	17869;	P01108;
	Rat	24577;	P09416;
Cellular Localization	Nucleus		
Function	<p>Disease:A chromosomal aberration involving MYC may be a cause of a form of B-cell chronic lymphocytic leukemia. Translocation t(8;12)(q24;q22) with BTG1.,Disease:Overexpression of MYC is implicated in the etiology of a variety of hematopoietic tumors.,Function:Participates in the regulation of gene transcription. Binds DNA both in a non-specific manner and also specifically to recognizes the core sequence 5'-CAC[GA]TG-3'. Seems to activate the transcription of growth-related genes.,online information:Myc entry,ANTM:Phosphorylated by PRKDC.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.</p> <p>Binds DNA as a heterodimer with MAX. Interacts with TAF1C and SPAG9. Interacts with PARP10. Interacts with KDM5A and KDM5B.,</p>		

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-c-Myc (ANT0028R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: A172 Lane 2: MCF7 Predicted band size: 48kDa Observed band size: 60kDa

Human tonsil was stained with Anti-c-Myc (ANT0028R) rabbit antibody
Human lung was stained with Anti-c-Myc (ANT0028R) rabbit antibody

Immunofluorescence analysis of HeLa cell. 1, c-Myc Antibody (red) was diluted at 1:200 (4° overnight). CYCS Monoclonal Antibody (4B10) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: RS3611 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: RS3208 was diluted at 1:1000 (room temperature, 50min).

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