## c-Myc Rabbit pAb

## Basic Information

Observed MW
65kDa
Calculated MW
51kDa
Category
Primary antibody

## Applications

ELISA,WB

Cross-Reactivity
Human

## Recommended Dilutions

WB 1:500-1:1000

## Contact

| O | 400-999-6126 |
| :---: | :---: |
| M | cn.market@abclonal.com.cn |
| (3) | www.abclonal.com.cn |

## Background

This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini.

## Immunogen Information

| Gene ID | Swiss Prot |
| :--- | :--- |
| 4609 | P01106 |

## Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 210-290 of human c-Myc (NP_002458.2).

Synonyms
MRTL; MYCC; c-Myc; bHLHe39

## Product Information

## Source

Rabbit

Isotype
lgG

Purification
Affinity purification

## Storage

Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles. Buffer: PBS with 0.01\% thimerosal,50\% glycerol,pH7.3.


Western blot analysis of extracts of various cell lines, using c-Myc antibody (A0309). Secondary antibody: HRP Goat Anti-Rabbit $\lg \mathrm{G}(\mathrm{H}+\mathrm{L})(\mathrm{ASO14})$ at 1:10000 dilution. Lysates/proteins: $25 \mu \mathrm{~g}$ per lane.
Blocking buffer: 3\% nonfat dry milk in TBST

