

c-Myc Mouse mAb

Catalog No.: A11029 **5 Publications**

Basic Information

Observed MW

60kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, IP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC0489

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.

Recommended Dilutions

| | |
|---------------|----------------|
| WB | 1:500 - 1:2000 |
| IF/ICC | 1:50 - 1:100 |
| IP | 1:20 - 1:50 |

Immunogen Information

Gene ID

4609

Swiss Prot

P01106

Immunogen

A synthetic peptide of human MYC

Synonyms

MRTL; MYCC; c-Myc; bHLHe39

Contact

 | www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG1, Kappa

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data

Western blot analysis of extracts of Jurkat cells, using MYC antibody (A11029).

