

# 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

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:100
<b>IP</b>	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

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## 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

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Western blot analysis of lysates from Jurkat cells, using c-Myc Mouse mAb (A11029).

