

A11911

Leader in Biomolecular Solutions for Life Science



## c-Myc Rabbit mAb

Catalog No.: A11911

Recombinant

1 Publications

### Basic Information

#### Observed MW

49kDa

#### Calculated MW

51kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB,IHC-P,IF/ICC,IP,FC,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

#### CloneNo number

ARC3101

### 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
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100
IP	1:20 - 1:50
FC	1:20 - 1:50

### Immunogen Information

Gene ID	Swiss Prot
4609	P01106

#### Immunogen

Recombinant protein of human c-Myc

#### Synonyms

MRTL; MYCC; c-Myc; bHLHe39

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

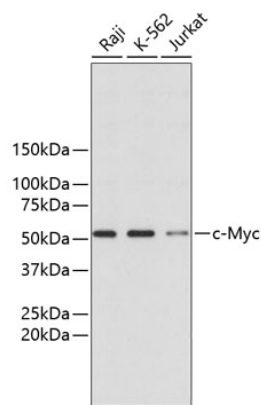
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using c-Myc Rabbit mAb (A11911).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.