

A11394

Leader in Biomolecular Solutions for Life Science



## c-Myc Rabbit pAb

Catalog No.: A11394

2 Publications

### Basic Information

#### Observed MW

#### Calculated MW

51kDa

#### Category

Polyclonal Antibody

#### Applications

IHC-P, ELISA

#### Cross-Reactivity

Mouse, Rat

### 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

IHC-P 1:50 - 1:100

### Immunogen Information

#### Gene ID

4609

#### Swiss Prot

P01106

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 354-453 of human c-Myc (NP\_001341799.1).

#### Synonyms

MRTL; MYCC; c-Myc; bHLHe39

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

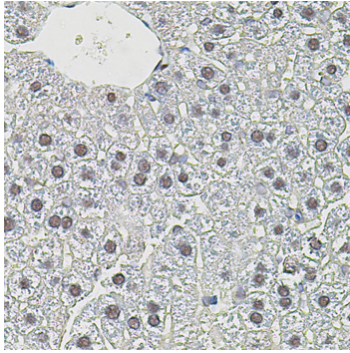
#### Storage

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

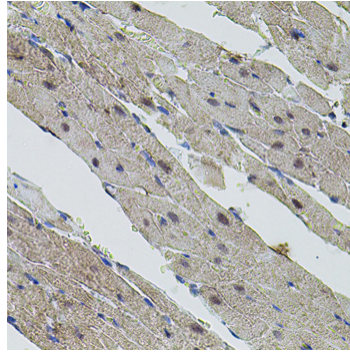
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded mouse liver using c-Myc antibody (A11394) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat heart using c-Myc antibody (A11394) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.