

A11911

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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

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID

4609

Swiss Prot

P01106

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

MRTL; MYCC; c-Myc; bHLHe39

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

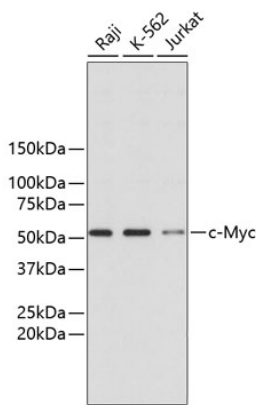
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Contact



www.abclonal.com

Validation Data



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