

[KO Validated] c-Myc Rabbit mAb

Catalog No.: A19032 **KO Validated** **Recombinant** **28 Publications**

Basic Information

Observed MW

50-60kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

WB,ELISA,ChIP,CUT&Tag

Cross-Reactivity

Human

CloneNo number

ARC0412

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 1:1000 - 1:2000

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

ChIP 5µg antibody for 10µg-15µg of Chromatin

CUT&Tag 10^5 cells /1 µg

Immunogen Information

Gene ID

4609

Swiss Prot

P01106

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MRTL; MYCC; c-Myc; bHLHe39; yc

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

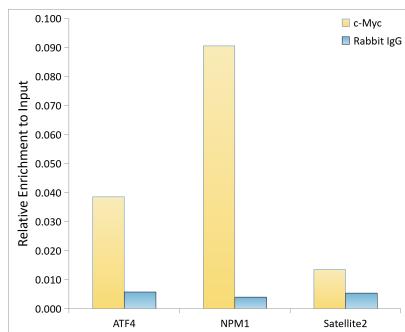
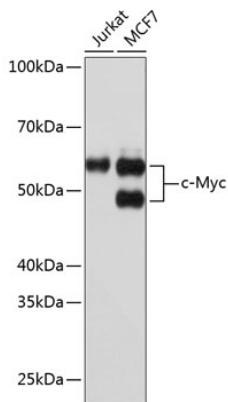
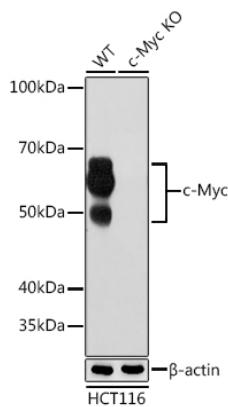
Affinity purification

Storage

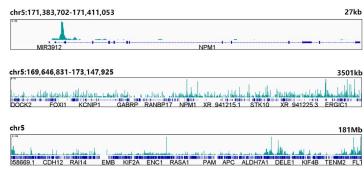
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



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UT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina(RK20265) from 10^5 K562 cells with 1 μ g c-Myc Rabbit mAb(A19032), along with a Goat Anti-Rabbit IgG(H+L). The CUT&Tag results indicate the enrichment pattern of ESE1 in representative gene loci (NPM1), as shown in figure.