

Phospho-c-Myc-T58/S62 Rabbit mAb

Catalog No.: AP0988 **Recombinant**

Basic Information

Observed MW

57-65kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Rat

CloneNo number

ARC1532

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

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

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

Synonyms

MRTL; MYCC; c-Myc; bHLHe39; Phospho-c-Myc-T58/S62

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

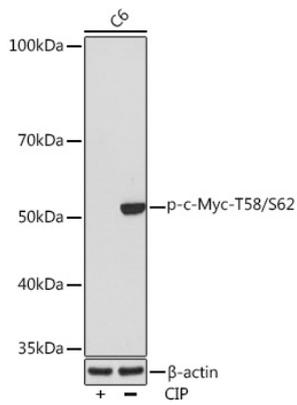
Affinity purification

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



Western blot analysis of lysates from C6 cells, using Phospho-c-Myc-T58/S62 Rabbit mAb (AP0988) at 1:1000 dilution. C6 cells were treated by CIP(20uL/400ul) at 37°C for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.