

AP0989

Leader in Biomolecular Solutions for Life Science



Phospho-c-Myc-S62 Rabbit mAb

Catalog No.: AP0989 **Recombinant** **2 Publications**

Basic Information

Observed MW

62kDa

Calculated MW

51kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC1533

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 - 1:1000

Immunogen Information

Gene ID

4609

Swiss Prot

P01106

Immunogen

A synthetic phosphorylated peptide around S62 of human c-Myc (NP_002458.2).

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

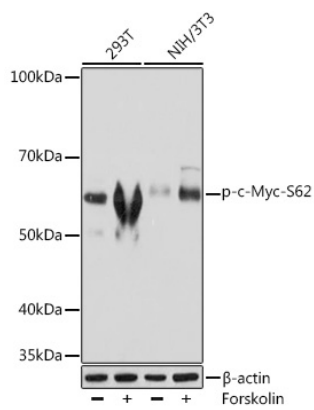
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Phospho-c-Myc-S62 Rabbit mAb (AP0989) at 1:1000 dilution. 293T cells were treated by Forskolin (10 μ M) at 37°C for 30 minutes after serum-starvation overnight. NIH/3T3 cells were treated by Forskolin (30 μ M) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.