AP0989

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Phospho-c-Myc-S62 Rabbit mAb

Catalog No.: AP0989 Recombinant 3 Publications

Basic Information

Observed MW
57-65kDa

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
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-S62

Contact

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Product Information

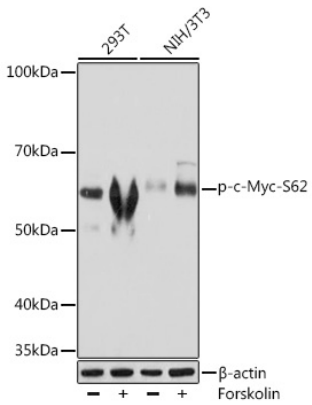
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using Phospho-c-Myc-S62 Rabbit mAb (AP0989) at 1:1000 dilution. 293T cells were treated with Forskolin (10 uM) at 37℃ for 30 minutes after serum-starvation overnight. NIH/3T3 cells were treated with Forskolin (30 uM) at 37℃ for 30 minutes after serum-starvation overnight.
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: 30s.

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