Phospho-c-Myc(S62) Rabbit mAb

Catalog No: #13375

Package Size: #13375-1 50ul #13375-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

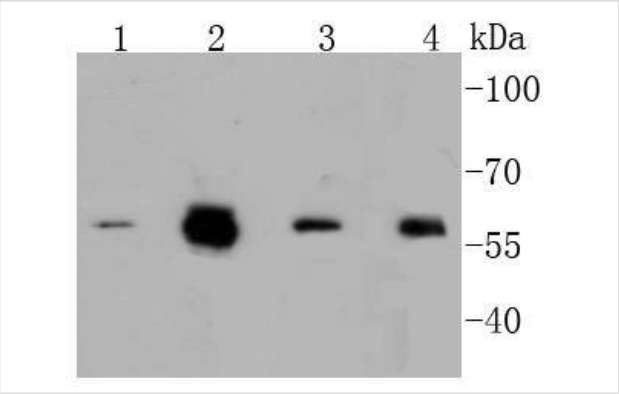
Description

Product Name	Phospho-c-Myc(S62) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	ST49-08
Purification	ProA affinity purified
Applications	WB, ICC/IF,IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser62 of human c-Myc.
Other Names	AU016757 antibody Avian myelocytomatosis viral oncogene homolog antibody bHLHe39 antibody c Myc antibody Class E basic helix-loop-helix protein 39 antibody MRTL antibody Myc antibody Myc protein antibody Myc proto oncogene protein antibody Myc proto-oncogene protein antibody myc-related translation/localization regulatory factor antibody MYC_HUMAN antibody Myc2 antibody MYCC antibody Myelocytomatosis oncogene antibody Niard antibody Nird antibody Oncogene Myc antibody OTTHUMP00000158589 antibody Proto-oncogene c-Myc antibody Protooncogene homologous to myelocytomatosis virus antibody RNCMYC antibody Transcription factor p64 antibody Transcriptional regulator Myc-A antibody V-Myc avian myelocytomatosis viral oncogene homolog antibody v-myc myelocytomatosis viral oncogene homolog (avian) antibody
Accession No.	Swiss-Prot#:P01106
Uniprot	P01106
GeneID	4609;
Calculated MW	57 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

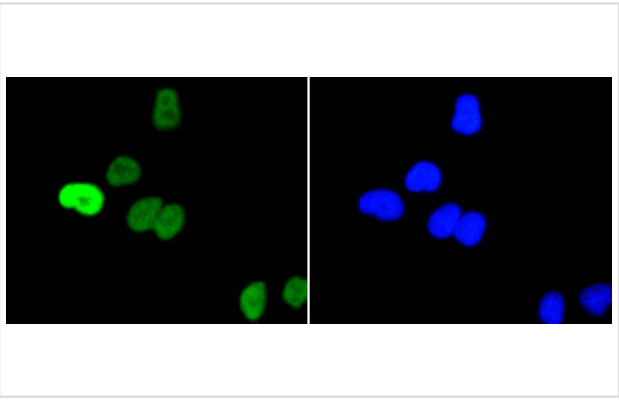
Application Details

WB: 1:1,000-1:2,000 IHC:1:50-1:200 ICC: 1:50-1:200

Images



Western blot analysis of Phospho-c-Myc(S62) on different lysates using anti-Phospho-c-Myc(S62) antibody at 1/1,000 dilution. Positive control:
Lane 1: A549
Lane 2: HCT116
Lane 3: Hela
Lane 4: HepG2



ICC staining Phospho-c-Myc(S62) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

c-Myc-, N-Myc- and L-Myc-encoded proteins function in cell proliferation, differentiation and neoplastic disease. Myc proteins are nuclear proteins with relatively short half lives. Amplification of the c-Myc gene has been found in several types of human tumors including lung, breast and colon carcinomas, while the N-Myc gene has been found amplified in neuroblastomas. The L-Myc gene has been reported to be amplified and expressed at high level in human small cell lung carcinomas. The presence of three sequence motifs in the c-Myc COOH terminus, including the leucine zipper, the helix-loop-helix and a basic region provided initial evidence for a sequence-specific binding function. A basic region helix-loop-helix leucine zipper motif (bHLH-Zip) protein, designated Max, specifically associates with c-Myc, N-Myc and L-Myc proteins. The Myc-Max complex binds to DNA in a sequence-specific manner under conditions where neither Max nor Myc exhibit appreciable binding. Max can also form heterodimers with at least two additional bHLH-Zip proteins, Mad and Mxi1, and Mad-Max dimers have been shown to repress transcription through interaction with mSin3.

References

Note: This product is for in vitro research use only