

C-myc Antibody

Catalog No: #48044



Package Size: #48044-1 50ul #48044-2 100ul

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

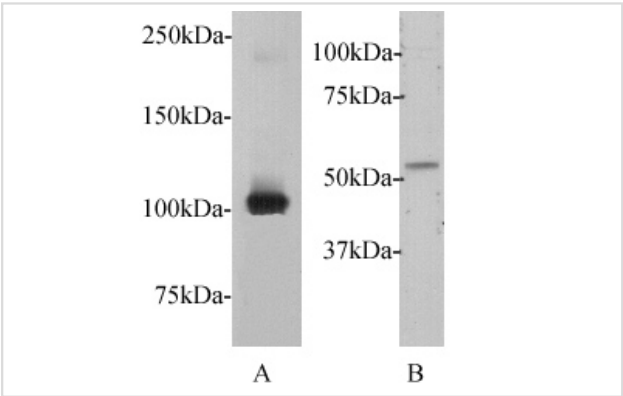
Description

Product Name	C-myc Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB
Immunogen Description	peptide
Conjugates	Unconjugated
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
Calculated MW	57kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500

Images



Western blot analysis on myc-tagged recombinant protein with (A) and A549 cell lysates (B).

Background

Myc gene encodes for a transcription factor that is believed to regulate expression of 15% of all genes through binding on Enhancer Box sequences (E-boxes) and recruiting histone acetyltransferases (HATs). c-Myc is commonly activated in a variety of tumor cells and plays an important role in cellular proliferation, differentiation, apoptosis and cell cycle progression. This c-Myc antibody detects endogenous levels of total c-Myc protein and is also for detection of Myc-tagged fusion proteins.

References

1. "A quantitative atlas of mitotic phosphorylation."Dephoure N., Zhou C., Villen J., Beausoleil S.A., Bakalarski C.E., Elledge S.J., Gygi S.P.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008)
2. "Transactivation of gene expression by Myc is inhibited by mutation at the phosphorylation sites Thr-58 and Ser-62."Gupta S., Seth A., Davis R.J. Proc. Natl. Acad. Sci. U.S.A. 90:3216-3220(1993)

Published Papers

Zhipeng Zhang;Yanmei Wu;Wenqiang Liang;Zhifang Liao;Hongbo Liao;Xingxing Xing;Wenxin Yi;Zixuan Liu;Yicheng Li;Mengya Shi;Dongling Lin;Ting Gu;Biao Wu;Mingzhi Zou;Huilai Miao;Xin Wu et al., Eurycomalactone switched hepatocellular carcinoma cells into quiescence through 5'tRFAIa/DVL/β-catenin pathway inhibition., , (2025)

[PMID:40128187](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.