

Myc Tag Antibody

Catalog No: #48487



Package Size: #48487-1 50ul #48487-2 100ul

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

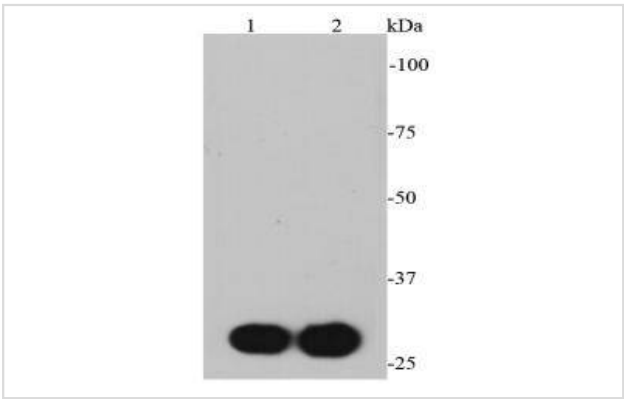
Description

Product Name	Myc Tag Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A3-B4
Purification	ProG affinity purified
Applications	WB, ICC, IP, FC
Immunogen Description	peptide
Other Names	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 Epitope Tag antibody myc proto-oncogene protein antibody myc-related translation/localization regulatory factor antibody oncogene c-Myc antibody proto-oncogene c-Myc antibody protooncogene homologous to myelocytomatosis virus antibody transcription factor p64 antibody v-myc avian myelocytomatosis viral oncogene homolog antibody v-myc myelocytomatosis viral oncogene homolog (avian) antibody
Accession No.	Swiss-Prot#:
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

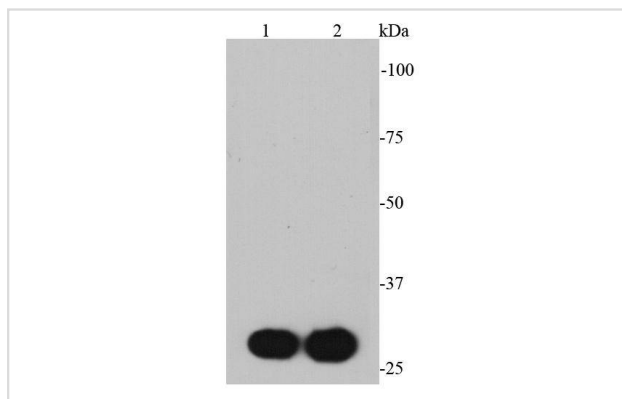
Application Details

WB: 1:2,000

Images



Western blot analysis of Myc-tag protein on different cell lysates using anti-Myc-tag antibody at 1/2000 dilution.
Positive control: Lane 1: N-terminal Myc-tag protein Lane 2: C-terminal Myc-tag protein



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 Myc-Tag antibody detects 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)

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