



Catalog: OM285615

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Myc Mouse Antibody

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☐ 100ug

Product profile

Product name	Myc Mouse Antibody
Antibody Type	Tags Antibodies
Product description	<p>Myc proto-oncogene encodes nuclear DNA-binding phosphoproteins that are involved in the regulation of gene expression and DNA replication during cell growth and differentiation. Myc encodes a protein of 65 kDa which is expressed in almost all normal and transformed cells. The expression correlates with the proliferation state of the cells. Transcription is repressed in quiescent or terminally differentiated cells. Expression of Myc is generally induced after mitogenic stimulation of cells or serum induction. Myc therefore is an important positive regulator of cell growth and proliferation. Myc has been demonstrated also to be a potent inducer of apoptosis when expressed in the absence of serum or growth factors. Apoptosis may serve also as a protective mechanism to prevent tumorigenicity elicited by deregulated Myc expression. Sequences of the Myc oncogene have been highly conserved throughout evolution, from Drosophila to vertebrates¹) Baudino T A, et al. (2001) Mol Cell Biol. 21: 691-702. Blackwood E M, et al. (1991) Science. 251:1211-1217. Henriksson M, et al. (1996) Adv Cancer Res. 68: 109-182. Grandori C, et al. (2000) Annu Rev Cell Dev Biol. 16: 653-699.</p>
Immunogen	Myc Monoclonal antibodyPeptide sequence derived from C-terminal (aa. 410-432) of human c-Myc conjugated with KLH.

Key Feature

Clonality	Monoclonal
Isotype	IgG1
Host Species	Mouse
Tested Applications	WB
Species Reactivity	Human
Concentration	1 mg/ml
Purification	Affinity purified

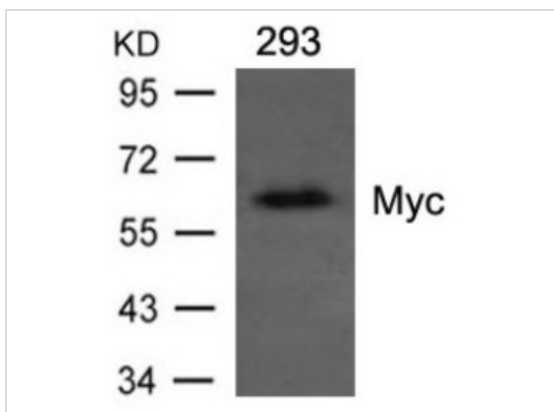
Target Information

Gene Symbol	MYC
Alternative Names	MRTL, MYCC, c-Myc, bHLHe39, FKHR, FOXO1A, c-myc
Molecular Weight(MW)	60 kDa
Tissue Specificity	This mouse mAb only detects transfected proteins.

Database Links

Entrez Gene	4609
Protein Accession	NP_002458.2

Application



Application

Western blot analysis of lysed extracts from 293 cells transfected with recombinant human Myc using Myc mouse monoclonal antibody.

Application Notes	Western Blot: 1:500~1:1000:
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Additional Information

Form	Liquid
Storage Instructions	Store antibody at -20°C for up to one year.
Storage Buffer	Supplied in mice ascites.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

OmnimAbs.com

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt