



Catalog: OM285602

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Myc Antibody

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☐ 100ug

Product profile

Product name	Myc 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	<p>Myc (Ab-358) antibody was raised against a peptide sequence around aa.356~360 (R-R-T-H-N) derived from Human Myc.</p>

Key Feature

Clonality	Polyclonal
Host Species	Rabbit
Tested Applications	IHC ,WB
Species Reactivity	Human Mouse Rat
Concentration	1 mg/ml
Purification	Affinity purified

Target Information

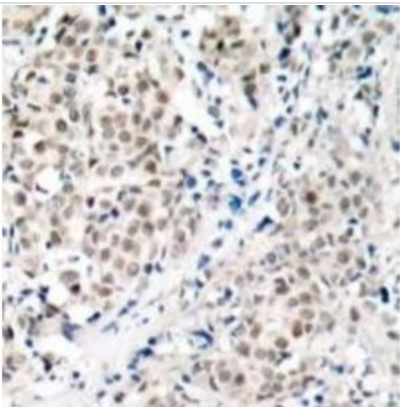
Gene Symbol	MYC
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Alternative Names	MRTL, MYCC, c-Myc, bHLHe39, PLC1, c-myc
Molecular Weight(MW)	60 kDa
Tissue Specificity	This antibody detects endogenous level of total Myc protein.

Database Links

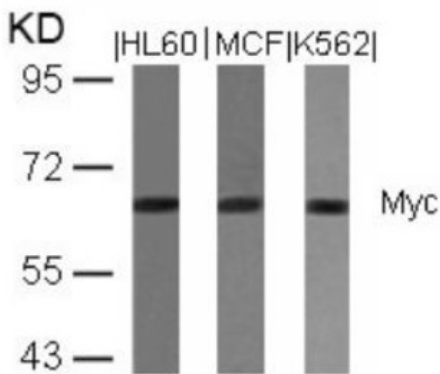
Entrez Gene	4609
Protein Accession	NP_002458.2

Application



Application

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc (Ab-358).



Application

Western blot analysis of lysed extracts from HL60, MCF and K562 cells using Myc (Ab-358).

Application Notes	Western Blot: 1:500~1:1000, Immunohistochemistry: 1:50~1:100:
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Additional Information

Form	Liquid
Storage Instructions	Store antibody at -20°C for up to one year.
Storage Buffer	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

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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
