

Mouse C-MYC Monoclonal Antibody | anti-C-MYC antibody

MOUSE ANTI C-MYC

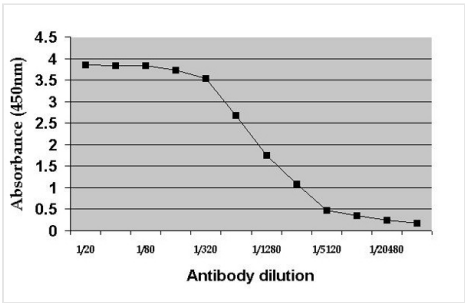
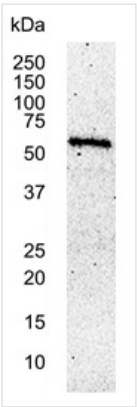
CATALOG # AAA49344	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

C-MYC; Monoclonal Antibody; MOUSE ANTI C-MYC; anti-C-MYC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9E10
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	454
Applicable Applications for anti-C-MYC antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
c-myc tagged protein detected with Mouse anti c-myc:Alk Phos

Application Data
Western blot analysis of HEK293 embryonic kidney cell line whole cell lysate probed with Mouse anti Human c-myc antibody followed by HRP conjugated Goat anti Mouse IgG secondary antibody visualized using chemiluminescence

ADDITIONAL INFORMATION

Related Product Information for anti-C-MYC antibody	Mouse anti c-myc antibody, clone 9E10 detects the p62c-myc proto-oncogene protein, which is involved in the regulation of the cell cycle and cell growth. C-myc is primarily located to the cell nucleus, but has also been shown to localised to the cytoplasm in several cell lines (Craig et al. 1993). Overexpression of c-myc has been reported in a wide variety of human cancers (Nesbit et al. 1999). Mouse anti c-myc antibody, clone 9E10 recognizes the sequence EQKLISEEDL and may be used to detect proteins and peptides labelled with molecular tags containing this sequence (Hilpert et al. 2001).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71774083
NCBI GeneID	4609
NCBI Accession #	NP_002458.2
NCBI GenBank Nucleotide #	NM_002467.4
UniProt Accession #	P01106; P01107; Q14026; A8WFE7
Molecular Weight	50,565 Da
NCBI Official Full Name	myc proto-oncogene protein
NCBI Official Synonym Full Names	v-myc avian myelocytomatosis viral oncogene homolog
NCBI Official Symbol	MYC
NCBI Official Synonym Symbols	MRTL; MYCC; c-Myc; bHLHe39
NCBI Protein Information	myc proto-oncogene protein; avian myelocytomatosis viral oncogene homolog; class E basic helix-loop-helix protein 39; myc-related translation/localization regulatory factor; proto-oncogene c-Myc; transcription factor p64; v-myc myelocytomatosis viral oncogene homolog
UniProt Protein Name	Myc proto-oncogene protein
UniProt Gene Name	MYC
UniProt Synonym Gene Names	BHLHE39; bHLHe39
UniProt Entry Name	MYC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/c-myc-antibody-clone-9e10-western-blot-immunohistochemistry-flow-cytometry-immunohistochemistry-elisa/49344>