

Rabbit anti-Human cMyc Polyclonal Antibody | anti-cMyc antibody

c-Myc (C10) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63013	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

cMyc; Polyclonal Antibody; c-Myc (C10) Antibody; anti-cMyc antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	c-Myc (C10) reacts with c-Myc of human origin by Western Blotting, Immunoprecipitation, and Immunohistochemistry. Also recognizes the 9E10 c-Myc Tag.
Form/Format	Each vial contains 200 ug/ml of affinity purified rabbit IgG c-Myc (C10) MBS440055, in 1 ml PBS containing 0.1 % sodium azide and 0.2% gelatin.
Concentration	0.200 mg/ml (varies by lot)
Sequence Length	60
Applicable Applications for anti-cMyc antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Preparation and Storage	Store this product at 4° C, do not freeze. The product is stable for one year from the date of receipt.

ADDITIONAL INFORMATION

Related Product Information for anti-cMyc antibody	c-Myc (C10) is provided as an affinity purified rabbit polyclonal antibody, raised against a synthetic peptide mapping near the carboxy terminal domain of human c-Myc. The transcription factor c-Myc is a proto-oncogene that is at the focal point in cell cycle regulation, metabolism, apoptosis, differentiation, cell adhesion, and tumorigenesis (1-3). In normal cells the expression of c-Myc is tightly regulated but in human cancers c-Myc is frequently deregulated (2&3).c-Myc also plays a pivotal role in apoptosis, most notably its connections to the CD95/Fas death receptor pathway (1&4). These different biological responses to c-Myc are most likely the result of different overlapping subsets of c-Myc target genes (1).
References	1.) Yakisich JS, Sandoval PY, Morrison TL, Kapler GM. 2006. TIF1 activates the intra-S-phase checkpoint response in the diploid micronucleus and amitotic polyploid macronucleus of Tetrahymena. Mol Biol Cell. Dec;17(12):5185-97.2.) Schmauch C, Maniak M. 2008. Competition between targeting signals in hybrid proteins provides information on their relative in vivo affinities for subcellular compartments. Eur J Cell Biol. Feb;87(2):57-68. 1. Hoffman B, Amanullah A, Shafarenko M, Liebermann DA. 2002. The proto-oncogene c-myc in hematopoietic development and leukemogenesis. Oncogene 21(21): 3414-3421.2. Boxer LM, Dang CV. 2001. Translocations involving c-myc and c-myc function. Oncogene 20(40):5595-5610.3. Dang CV, Resar LM, Emison E, Kim S, Li Q, Prescott JE, Wonsey D, Zeller K. 1999. Function of the c-Myc oncogenic transcription factor. Exp Cell Res 253(1): 63-77.4. Prendergast GC. 1999. Mechanisms of apoptosis by c-Myc. Oncogene 18(19):2967-2987.

NCBI AND UNIPROT INFORMATION

NCBI GI #	396512
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NCBI GeneID	4609
UniProt Accession #	Q6LBK7 ; P01106
NCBI Official Full Name	c-myc, partial
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	C-myc protein
UniProt Gene Name	c-myc
UniProt Entry Name	Q6LBK7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cmyc-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/63013>