

Cat. No:	MAB-94579
Size:	100µg
Clone:	MYC
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant protein of human c-Myc
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunocytochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:100 Immunoprecipitation: 1:20 - 1:50 Flow Cytometry: 1:20 - 1:50
Molecular Weight:	49kDa
Purification:	Aff. Pur.
Synonyms:	MRTL;MYCC;bHLHe39;c-Myc;MYC
Background:	<p>The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene.</p>
Form:	Liquid
Buffer:	Store at -20°C. Avoid freeze / thaw cycles
Storage:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

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