

## Monoclonal Antibody to c-Myc - Purified

<b>Alternate names:</b>	BHLHE39, Class E basic helix-loop-helix protein 39, Myc proto-oncogene protein, Transcription factor p64
<b>Catalog No.:</b>	AM05253PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	Lot specific
<b>Background:</b>	Human c-myc belongs to a family of 5 myc oncogenes. Amplification of c-myc has been found in several types of human tumors including breast and colon carcinomas. Induction of c-myc in cells grown in the appropriate growth factors or co-expression with survival genes, such as bcl-2 causes cell proliferation. In the absence of these factors, c-myc expression causes cell death. c-myc gene gives rise to at least two nuclear phosphoproteins of 64 kDa and 67 kDa, the unphosphorylated form is 49 kDa.
<b>Uniprot ID:</b>	<a href="#">P01106</a>
<b>NCBI:</b>	<a href="#">NP_002458.2</a>
<b>GeneID:</b>	<a href="#">4609</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	33
<b>Immunogen:</b>	<b>Genename:</b> MYC
<b>Format:</b>	<b>State:</b> Liquid (0.2 µm sterile filtered) purified IgG fraction. <b>Purification:</b> From ascites. <b>Buffer System:</b> PBS containing 0.08% Sodium Azide as preservative.
<b>Applications:</b>	Western Blot. Immunoprecipitation (both with and without SDS). Immunohistochemistry on Frozen Sections. Myc is a labile protein, therefore protease inhibitors should be used at all times. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	<b>Species:</b> Human, Mouse, Rat and Avian. Other species not tested.
<b>Storage:</b>	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.