

## Mouse monoclonal antibody to human Myc proto-oncogene protein (408-439) [IMD-3]: IgG

<b>Catalogue No.:</b>	M-1220-100
<b>Description:</b>	Myc proto-oncogene protein (c-Myc) is a transcription factor with roles in cellular proliferation, differentiation, apoptosis and cell cycle progression. Mutations in the c-Myc gene and protein over-expression have been associated with a variety of hematopoietic tumors, leukemias and lymphomas.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) corresponding to C terminal residues 408-439 of human Myc proto-oncogene protein (c-Myc).
<b>Clone:</b>	IMD-3
<b>Other Names:</b>	c-Myc; Transcription factor p64; MYC;
<b>Accession:</b>	P01106 MYC_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 4.0 ug/mL is recommended for WB. Human c-Myc (isoform 1) has a predicted length of 439 residues and a MW of 49 kDa. A concentration of 8.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase.

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FOR RESEARCH USE ONLY

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