



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

Catalogue No.:	M-1220-100
Description:	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.
Batch No.:	See product label
Unit size:	100 µg
Antigen:	A synthetic peptide (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) corresponding to C terminal residues 408-439 of human Myc proto-oncogene protein (c-Myc).
Clone:	IMD-3
Other Names:	c-Myc; Transcription factor p64; MYC;
Accession:	P01106 MYC_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 4.0 µg/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 µg/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.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 ml of PBS (pH 7.4) to achieve an antibody concentration of 100 µg/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase.

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