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Datasheet

MYC monoclonal antibody, clone 2B2

Catalog Number: MAB9906

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against synthetic peptide of MYC.

Clone Name: 2B2

Immunogen: A synthetic peptide corresponding to amino acids 408-420 at C-terminus of human MYC.

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: It recognizes MYC and MYC tagged fusion proteins.

Form: Liquid

Purification: Affinity purification

Isotype: IgG1

Recommend Usage: Western blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4609

Gene Symbol: MYC

Gene Alias: bHLHe39, c-Myc

Gene Summary: 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. [provided by RefSeq]