

Mouse Anti-Myc Clone 9E10 mAb

Catalog No. CMAB1002

Lot No: 1U00501

Quantity: 100 µg

Description: Myc 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 *c-Myc* have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt's 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.

Concentration: 0.5 mg/mL

Host: Mouse

Isotype: IgG1

Clone: 9E10

Formulation: Liquid in PBS + 50% Glycerol

Applications: WB, IP

Application Notes: Recommended dilution for WB: 1.0 µg/mL
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at -20°C. **Avoid repeated freeze-thaw cycles.**

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