
c-MYC Mouse mAb

Catalog Number: bsm-51652M

Target Protein: c-MYC

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: S10G9

Isotype: IgG1,k

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 53/106 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 4609

Swiss Prot: P01106

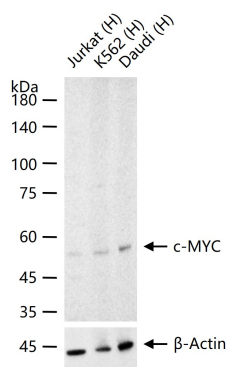
Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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, Jul 2008].

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with c-MYC monoclonal antibody, unconjugated (bsm-51652M) at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

[IF=14.7] Zhou Mengze. et al. P2Y14R activation facilitates liver regeneration via CREB/DNMT3b/Dact-2/eta-Catenin signals in acute liver failure. *ACTA PHARM SIN B*. 2025 Jan; Western blot ; Mouse . 10.1016/j.apsb.2025.01.004

[IF=6.796] Hongyan Yu. et al. TBBPA rather than its main derivatives enhanced growth of endometrial cancer via p53 ubiquitination. *J ENVIRON SCI-CHINA*. 2022 Dec;; WB ; Human . 10.1016/j.jes.2022.12.030