### bsm-51652M

## [ Primary Antibody ]

# c-MYC Mouse mAb



sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

		400-901-9800
Host: Mouse	<b>lsotype:</b> lgG1, k	Applications: WB (1:500-2000)
Clonality: Monoclonal	CloneNo.: S10G9	Reactivity: Human
GenelD: 4609	SWISS: P01106	
Target: c-MYC		
Purification: affinity purified by Protein G		Predicted 53/106 kDa
Concentration: 1mg/ml		
<b>Storage:</b> 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.		Subcellular Location: <sup>Nucleus</sup>
<b>Background:</b> 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.

### - SELECTED CITATIONS -

- [IF=14.7] Zhou Mengze. et al. P2Y14R activation facilitates liver regeneration via CREB/DNMT3b/Dact-2/?eta-Catenin signals in acute liver failureACTA 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