

bsm-52145R**[Primary Antibody]****phospho-C-Myc (Thr58+Ser62) Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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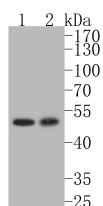
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:300-500) IHC-P (1:100-500) IHC-F (1:20-200) IF (1:20-200) ICC/IF (1:20-200) Reactivity: Human, Rat (predicted: Mouse) Predicted MW.: 49 kDa Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 2B11	
GeneID: 4609	SWISS: P01106	
Target: phospho-C-Myc (Thr58+Ser62)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human c-Myc around the phosphorylation site of Thr58 and Ser62: LP(p-T)PPL(p-S)PS.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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 —

Western blot analysis of Phospho-c-Myc (T58+S62) on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (bsm-52145R, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: K562 cell lysate Lane 2: SH-SY5Y cell lysate