

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

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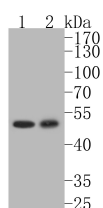
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**— DATASHEET —**

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

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