

**bs-4017R****[ Primary Antibody ]****phospho-C-Myc (Thr358) Rabbit pAb****BioSS**  
ANTIBODIES

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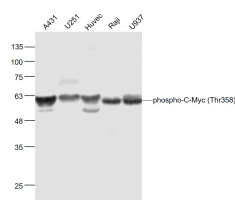
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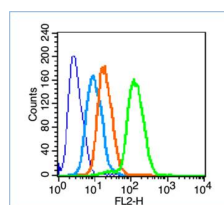
400-901-9800

**DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) Flow-Cyt (1µg/Test)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Horse)
<b>GeneID:</b> 4609	<b>SWISS:</b> P01106	
<b>Target:</b> C-Myc (Thr358)		
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human C-Myc around the phosphorylation site of Thr358: RR(p-T)HN.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 49 kDa
<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>Subcellular Location:</b> Nucleus
<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**

Sample: A431(Human) Lysate at 30 ug  
 U251(Human) Lysate at 30 ug Huvec(Human)  
 Lysate at 30 ug Raji(Human) Lysate at 30 ug  
 U937(Human) Lysate at 30 ug Primary: Anti-phospho-C-Myc(Thr358) (bs-4017R) at 1/300  
 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kD Observed band size: 62 kD



Blank control (blue line): HeLa cells (fixed with 70% methanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C). Primary Antibody (green line): Rabbit Anti-phospho-C-Myc(Thr358) antibody (bs-4017R), Dilution: 1µg /10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE, Dilution: 1µg /test.