

**bs-23391R****[ Primary Antibody ]****phospho-C-Myc (Thr58) Rabbit pAb****Bioss**  
ANTIBODIES

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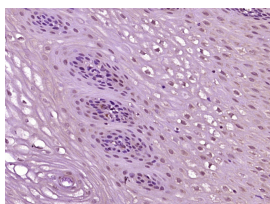
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		IHC-F (1:100-500)
<b>GeneID:</b> 4609	<b>SWISS:</b> P01106	IF (1:100-500)
<b>Target:</b> C-Myc (Thr58)		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Dog, Horse)
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human C-Myc around the phosphorylation site of Thr58: LP(p-T)PP.		<b>Predicted MW.:</b> 49 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Nucleus
<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 —**

Paraformaldehyde-fixed, paraffin embedded (Human esophageal carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-C-Myc(Thr58)) Polyclonal Antibody, Unconjugated (bs-23391R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.