

bs-16869R**[Primary Antibody]****phospho-Ku70 / XRCC6 (Ser5) Rabbit pAb****Bioss**
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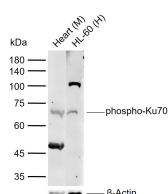
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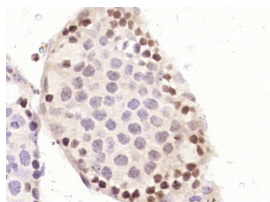
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 2547	SWISS: P12956	IHC-F (1:100-500)
Target: Ku70 / XRCC6 (Ser5)		IF (1:100-500)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human Ku70 around the phosphorylation site of Ser5: WE(p-S)YY.		Reactivity: Mouse (predicted: Human)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 70 kDa
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.		Subcellular Location: Nucleus
Background: The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Human HL-60 cell lysates Primary: Anti-phospho-Ku70 (Ser5) (bs-16869R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 70 kDa Observed band size: 70 kDa



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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-Ku70 (Ser5)) Polyclonal Antibody, Unconjugated (bs-16869R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.