

**bsm-62970R****[ Primary Antibody ]****Bioss**  
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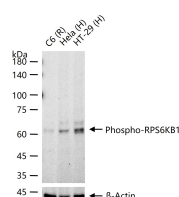
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**phospho-RPS6KB1 (Thr421/Ser424) Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) IP (1:20-50)  <b>Reactivity:</b> Human, Rat   <b>Predicted MW.:</b> 59  <b>Subcellular Location:</b> Cytoplasm, Nucleus
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 18F4	
<b>GeneID:</b> 6198	<b>SWISS:</b> P23443	
<b>Target:</b> RPS6KB1 (Thr421/Ser424)		
<b>Immunogen:</b> A synthesized peptide derived from human p70 S6 Kinase around the phosphorylation site of T421/S424: PR-pT-PV-pS-PV.		
<b>Purification:</b> affinity purified by Protein A		
<b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Acts to integrate nutrient and growth factor signals in regulation of protein synthesis, cell proliferation, cell growth, cell cycle progression and cell survival. Downstream effector of the mTOR signaling pathway.		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with Phospho-RPS6KB1 monoclonal antibody, unconjugated (bsm-62970R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.