

bsm-52199R**[Primary Antibody]****BioSS**
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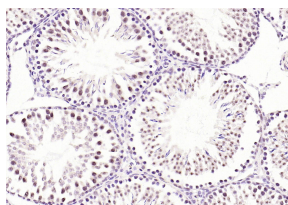
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400-901-9800

phospho-RPS6KA1 (Ser380) Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-5000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 81 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 7A12	
GeneID: 6195		
Target: RPS6KA1 (Ser380)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human RPS6KA1 around the phosphorylation site of Ser380: GF(p-S)FV.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		
Background: Rsk1 is a member of a family of 90kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsk1 appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat 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-RPS6KA1 (Ser380)) Monoclonal Antibody, Unconjugated (bsm-52199R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.