

bsm-62741R**[Primary Antibody]****phospho-PBK (Thr9) Recombinant Rabbit mAb****BioSS**
ANTIBODIES

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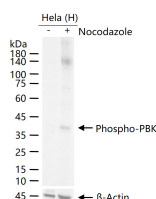
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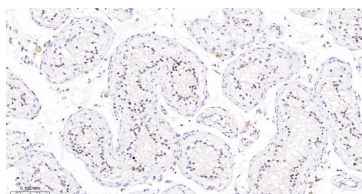
400-901-9800

— DATASHEET —

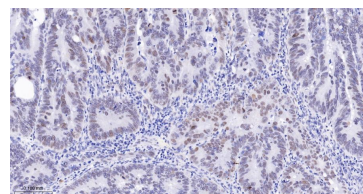
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Reactivity: Human Predicted MW.: 36 Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 9C3	
GeneID: 55872	SWISS: Q96KB5	
Target: PBK (Thr9)		
Immunogen: A synthesized peptide derived from human PBK around the phosphorylation site of T9: FK-pT-PS.		
Purification: affinity purified by Protein A		
Storage: 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.		
Background: Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin-induced DNA damage.		

— VALIDATION IMAGES —

HeLa (H) cells were treated with or without Nocodazole, 25 µg total protein per lane of cell lysates (see on figure) probed with Phospho-PBK (Thr9) monoclonal antibody, unconjugated (bsm-62741R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Testis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-PBK (Thr9) Monoclonal Antibody, Unconjugated (bsm-62741R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-PBK (Thr9) Monoclonal Antibody, Unconjugated (bsm-62741R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.