

bs-5659R**[Primary Antibody]****phospho-RAD9 (Tyr28) Rabbit pAb****Bioss**
ANTIBODIES

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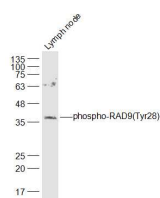
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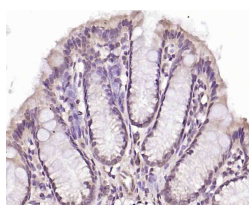
400-901-9800

— DATASHEET —

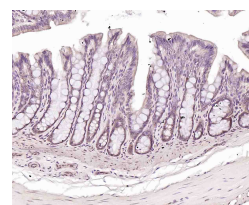
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Horse) Predicted MW.: 43 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 5883	SWISS: Q99638	
Target: RAD9 (Tyr28)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human RAD9 around the phosphorylation site of Tyr28: EL(p-Y)LE.		
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: This gene product is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein is found to possess 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade. Use of alternative polyA sites has been noted for this gene. [provided by RefSeq].		

— VALIDATION IMAGES —

Sample: Lymph node (Mouse) Lysate at 40 ug
Primary: Anti-phospho-RAD9(Tyr28) (bs-5659R)
at 1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 43 kD Observed band size: 43 kD



Paraformaldehyde-fixed, paraffin embedded
(mouse colon); 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; Incubation with
(phospho-RAD9 (Tyr28)) Polyclonal Antibody,
Unconjugated (bs-5659R) at 1:200 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.



Paraformaldehyde-fixed, paraffin embedded (rat
colon); 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; Incubation with
(phospho-RAD9 (Tyr28)) Polyclonal Antibody,
Unconjugated (bs-5659R) at 1:200 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.