

**bsm-62386R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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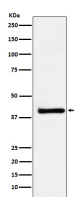
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**XRCC3 Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:1000-2000) <b>Flow-Cyt</b> (1:50-100)
<b>Clonality:</b> Recombinant		<b>Reactivity:</b> Human, Mouse, Rat
<b>GeneID:</b> 7517	<b>SWISS:</b> O43542	
<b>Target:</b> XRCC3		
<b>Immunogen:</b> A synthesized peptide derived from human XRCC3: 270-346.		
<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> Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA, thought to repair chromosomal fragmentation, translocations and deletions. Plays a role in regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence of RAD51 and RAD51C.		
		<b>Predicted MW.:</b> 38
		<b>Subcellular Location:</b> Cytoplasm ,Nucleus

**— VALIDATION IMAGES —**

Western blot analysis of HeLa cell lysate. Using XRCC3 (bsm-62386R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.