

**bsm-52221R****[ Primary Antibody ]****BioSS**  
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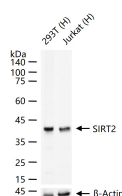
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**SIRT2 Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 4G12	
<b>GeneID:</b> 22933	<b>SWISS:</b> Q8IXJ6	
<b>Target:</b> SIRT2		
<b>Immunogen:</b> A synthesized peptide derived from human SIRT2: 1-28.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human (predicted: Rat)
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]		
		<b>Predicted MW.:</b> 36 kDa
		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with SIRT2 monoclonal antibody, unconjugated (bsm-52221R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.