

**bsm-60691R****[ Primary Antibody ]****BioSS**  
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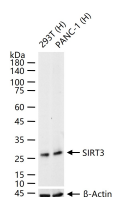
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**SIRT3 Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> R1B8	<b>Reactivity:</b> Human
<b>GeneID:</b> 23410	<b>SWISS:</b> Q9NTG7	
<b>Target:</b> SIRT3		
<b>Purification:</b> affinity purified by Protein A		
<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>Predicted MW.:</b> 43 kDa
<b>Background:</b> SIRT3 encodes a member of the sirtuin family of class III histone deacetylases, homologs to the yeast Sir2 protein. The encoded protein is found exclusively in mitochondria, where it can eliminate reactive oxygen species, inhibit apoptosis, and prevent the formation of cancer cells. SIRT3 has far-reaching effects on nuclear gene expression, cancer, cardiovascular disease, neuroprotection, aging, and metabolic control. [provided by RefSeq, May 2019]		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with SIRT3 monoclonal antibody, unconjugated (bsm-60691R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.