

**bsm-62841R****[ Primary Antibody ]****Bioss**  
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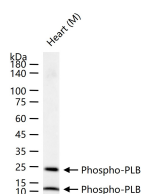
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**Phospho-PLB (Ser16) Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Mouse (predicted: Human)  <b>Predicted MW.:</b> 6  <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 10H6	
<b>GeneID:</b> 5350	<b>SWISS:</b> P26678	
<b>Target:</b> Phospho-PLB (Ser16)		
<b>Immunogen:</b> A synthesized peptide derived from human PLB around the phosphorylation site of S16: RA-pS-TIEM.		
<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> Reversibly inhibits the activity of ATP2A2 in cardiac sarcoplasmic reticulum by decreasing the apparent affinity of the ATPase for Ca(2+). Modulates the contractility of the heart muscle in response to physiological stimuli via its effects on ATP2A2.		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates  
(see on figure) probed with Phospho-PLB (Ser16)  
monoclonal antibody, unconjugated  
(bsm-62841R) at 1:2000 dilution and 4°C  
overnight incubation. Followed by conjugated  
secondary antibody incubation at r.t. for 60 min.