

**bsm-63271R****[ Primary Antibody ]**

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**phospho-PRKCA(T497) Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:1000-2000) <b>IHC-P</b> (1:100-200) <b>IHC-F</b> (1:100-200) <b>IF</b> (1:100-200)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 77 kDa  <b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 6H3	
<b>GeneID:</b> 5578	<b>SWISS:</b> P17252	
<b>Target:</b> PRKCA(T497)		
<b>Immunogen:</b> A synthesized peptide derived from human PKC alpha around the phosphorylation site of T497: TTR-pT-FCG.		
<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> Calcium-activated, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase that is involved in positive and negative regulation of cell proliferation, apoptosis, differentiation, migration and adhesion, tumorigenesis, cardiac hypertrophy, angiogenesis, platelet function and inflammation, by directly phosphorylating targets such as RAF1, BCL2, CSPG4, TNNT2/CTNT, or activating signaling cascade involving MAPK1/3 (ERK1/2) and RAP1GAP.		