

bsm-63189R**[Primary Antibody]**

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phospho-GSK3 beta (S9) Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 61C**GeneID:** 2932**SWISS:** P49841**Target:** phospho-GSK3 beta (S9)**Immunogen:** A synthesized peptide derived from human GSK3 beta around the phosphorylation site of S9: TT-pS-FA.**Purification:** affinity purified by Protein A**Storage:** 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.**Background:** Constitutively active protein kinase that acts as a negative regulator in the hormonal control of glucose homeostasis, Wnt signaling and regulation of transcription factors and microtubules, by phosphorylating and inactivating glycogen synthase (GYS1 or GYS2), EIF2B, CTNNB1/beta-catenin, APC, AXIN1, DPYSL2/CRMP2, JUN, NFATC1/NFATC, MAPT/TAU and MACF1. Requires primed phosphorylation of the majority of its substrates.**Applications:** WB (1:1000-1:5000)**IHC-P** (1:100-1:200)**IHC-F** (1:100-1:200)**IF** (1:50-1:200)**ICC/IF** (1:50-1:200)**Reactivity:** Human**Predicted
MW.:** 47 kDa**Subcellular** Cell membrane ,Cytoplasm**Location:** ,Nucleus