

bsm-63158R

[Primary Antibody]



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Glycogen synthase 1 Recombinant Rabbit mAb

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-1:5000) IHC-P (1:100-1:200) IHC-F (1:100-1:200) IF (1:50-1:200) Flow-Cyt (1:20-1:100) ICC/IF (1:50-1:200) IP (1:20-1:50) Reactivity: Human, Mouse, Rat Predicted MW.: 84 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 5G11	
GeneID: 2997	SWISS: P13807	
Target: Glycogen synthase 1		
Immunogen: A synthesized peptide derived from human Glycogen synthase: 700-737.		
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: Glycogen synthase participates in the glycogen biosynthetic process along with glycogenin and glycogen branching enzyme. Extends the primer composed of a few glucose units formed by glycogenin by adding new glucose units to it. In this context, glycogen synthase transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.		