

bsm-63207R**[Primary Antibody]**

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Catalase Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-1:2000) IHC-P (1:100-1:200) IHC-F (1:100-1:200) IF (1:100-1:200) Reactivity: Human, Mouse, Rat Predicted MW.: 60 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 7H12	
GeneID: 847	SWISS: P04040	
Target: Catalase		
Immunogen: A synthesized peptide derived from human Catalase: 50-100/527.		
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: Catalyzes the degradation of hydrogen peroxide (H ₂ O ₂) generated by peroxisomal oxidases to water and oxygen, thereby protecting cells from the toxic effects of hydrogen peroxide. Promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells.		