

bsm-63099R**[Primary Antibody]**

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phospho-Histone H3.3(S22) Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000) IHC-P (1:100-200) IHC-F (1:100-200) IF (1:50-200) Flow-Cyt (1:50-100) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 15 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 5D12	
GeneID: 3020	SWISS: P84243	
Target: Histone H3.3(S22)		
Immunogen: A synthesized peptide derived from human Histone H3.3 around the phosphorylation site of S22: SAP-pS-TG.		
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: Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin.		