bsm-63269R **[Primary Antibody]**

Acetyl-Histone H3(K19) Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 1F12
GeneID: 8350
SWISS: P68431
Target: Acetyl-Histone H3(K19)

Immunogen: A synthesized peptide derived from human Histone H3.1 around the acetylation site of K19: PR-(acetyl)K-QL.

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: Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Applications:
WB (1:1000-1:2000)
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)
ChIP (1:20-1:50)

Reactivity: Human, Mouse, Rat

Predicted MW.: 15 kDa

Subcellular Location: Nucleus