

bsm-63233R

[Primary Antibody]

Symmetric DiMethyl-Histone H3(R17) Recombinant Rabbit mAb

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— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 2D3

GeneID: 8350

SWISS: P68431

Target: Symmetric DiMethyl-Histone H3(R17)

Immunogen: A synthesized peptide derived from human Histone H3.1 around the methylation site of R17: AP-(symMe2)R-KQ.

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 (1:1000-2000)
ICC/IF (1:50-200)

Reactivity: Human, Mouse

**Predicted
MW.:** 15 kDa

**Subcellular
Location:** Nucleus