

bsm-63227R

[Primary Antibody]

Mono-Methyl-Histone H4 (K20) Recombinant Rabbit mAb



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— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 5G9

GeneID: 121504

SWISS: P62805

Target: Mono-Methyl-Histone H4 (K20)

Immunogen: A synthesized peptide derived from human Histone H4 around the methylation site of K20: HR-K(Me)-VLR.

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)

IHC-P (1:100-200)

IHC-F (1:100-200)

IF (1:50-200)

ICC/IF (1:50-200)

IP (1:20-50)

ChIP (1:20-50)

Reactivity: Human, Mouse, Rat

Predicted MW.: 11 kDa

Subcellular Location: Nucleus