

bsm-63234R

[Primary Antibody]

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ANTIBODIES

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— **DATASHEET** —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 1D11

GeneID: 3012

SWISS: P04908

Target: MonoMethyl-Histone H2A (K118)

Immunogen: A synthesized peptide derived from human Histone H2A around the methylation site of K118: LP-K(Me)-KT.

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.

Applications: **WB** (1:1000-2000)

IHC-P (1:100-200)

IHC-F (1:100-200)

IF (1:50-200)

ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

**Predicted
MW.:** 14 kDa

**Subcellular
Location:** Nucleus