

bsm-60061M**[Primary Antibody]****BioSS**
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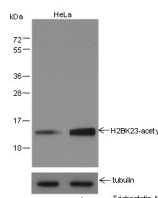
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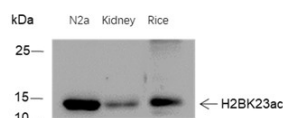
400-901-9800

Histone H2B (Acetyl K23) Mouse mAb**DATASHEET**

Host: Mouse	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:50-100) IF (1:50-100) Reactivity: Human, Mouse (predicted: Rat, Rice) Predicted MW.: 14 kDa Subcellular Location: Nucleus
Clonality: Monoclonal	CloneNo.: H2B9	
GeneID: 3018	SWISS: P33778	
Target: Histone H2B (Acetyl K23)		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Jul 2008].		

VALIDATION IMAGES

Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:2000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Mouse IgG H&L (HRP) Lysate: (-) HeLa, (+) HeLa+Trichostatin A (2μM, 4hr) Protein loading quantity: 20 μg Exposure time: 60 s Predicted MW: 14 kDa Observed MW: 14 kDa



Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:1000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Mouse IgG H&L (HRP) Lysate: N2a, Mouse kidney, Rice Protein loading quantity: 20 μg Exposure time: 60 s Predicted MW: 14 kDa Observed MW: 14 kDa