

bsm-60056M**[Primary Antibody]****Histone H2B (Acetyl K16) Mouse mAb****Bioss**
ANTIBODIES

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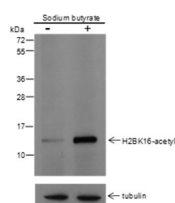
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— DATASHEET —

Host: Mouse	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Monoclonal	CloneNo.: H2C4	Reactivity: Human (predicted: Mouse, Rat)
GeneID: 3018	SWISS: P33778	
Target: Histone H2B (Acetyl K16)		
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].		
		Predicted MW.: 14 kDa
		Subcellular Location: Nucleus

— 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+Sodium butyrate
(30mM, 4hr) Protein loading quantity: 20 µg
Exposure time: 60 s Predicted MW: 14 kDa
Observed MW: 14 kDa