

bsm-60644R**[Primary Antibody]****BioSS**
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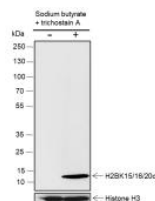
400-901-9800

**Histone H2B (Crotonyl-Lys15 / Lys16 / Lys20)
Recombinant Rabbit mAb****DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Reactivity: Human Predicted MW.: 14 kDa Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 1D12	
GeneID: 3018	SWISS: P33778	
Target: Histone H2B (Crotonyl-Lys15 / Lys16 / Lys20)		
Purification: affinity purified by Protein A		
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: (-): HeLa, (+): HeLa+ sodium butyrate (30mM, 4hr) Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 14kDa Observed MW: 14kDa



Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:2000 Primary Ab incubation condition: 2 hours at room temperature Secondary Ab: (-): MCF-7, (+): MCF-7+ sodium butyrate (50mM, 24hr) + trichostatin A (500ng/ml, 4 hr) Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 14kDa Observed MW: 14kDa