

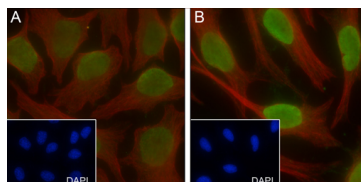
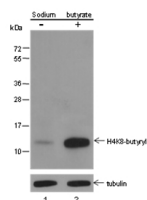
**bs-60174R****[ Primary Antibody ]****Butyryl-Histone H4 (Lys8) Rabbit pAb****BioSS**  
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**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**Target:** Butyryl-Histone H4 (Lys8)**Purification:** Antigen affinity purification**Concentration:** 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Jul 2008]**Applications:** **WB** (1:500-1:2000)  
**ICC/IF** (1:50)**Reactivity:** Human (predicted: Mouse, Rat)**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-Rabbit IgG H&L (HRP)  
Lysate: (-) HeLa, (+) HeLa+Sodium butyrate (30mM, 4hr) Protein loading quantity: 20 µg  
Exposure time: 60 s Predicted MW: 11 kDa  
Observed MW: 11 kDa

Cell line: (A) HeLa, (B) HeLa+SBA (5mM, 24hr)  
Fixative: 100% Ice-cold methanol  
Permeabilization: 0.1% TritonX-100 Primary ab dilution: 1:50 Primary incubation condition: 4°C overnight  
Secondary ab: Goat Anti-Rabbit IgG  
Nuclear counter stain: DAPI (Blue) Counter stain: Tubulin (Red) Comment: Color green is the positive signal for bs-60174R