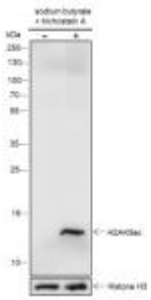
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

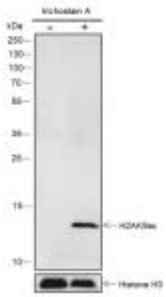
# Histone H2A (Acetyl-Lys9) Recombinant Rabbit mAb

| | |
|---|---|
| Catalog Number: | bsm-60663R |
| Target Protein: | Histone H2A (Acetyl-Lys9) |
| Concentration: | 1mg/ml |
| Form: | Liquid |
| Host: | Rabbit |
| Clonality: | Recombinant |
| Clone No.: | R5F7 |
| Isotype: | IgG |
| Applications: | WB (1:500-1000) |
| Reactivity: | Human, Mouse |
| Predicted MW: | 14 kDa |
| Entrez Gene: | 3012 |
| Swiss Prot: | P04908 |
| Purification: | affinity purified by Protein A |
| Storage: | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>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. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Jul 2008]. |

## VALIDATION IMAGES



Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:1000 Primary Ab incubation condition: 4°C overnight Secondary Ab: (-): MCF-7, (+): MCF-7+ sodium butyrate (50mM, 24hr) + trichostain A (500ng/ml, 4 hr) 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: 4°C overnight Secondary Ab: (-): NIH/3T3, (+): NIH/3T3+ trichostain A (1µM, 18 hr) Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 14 KDa Observed MW: 14 KDa