

bsm-60064M**[Primary Antibody]****BioSS**
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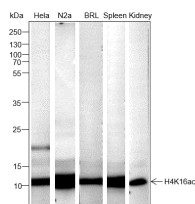
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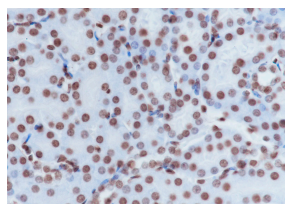
Acetyl-Histone H4 (Lys16) Recombinant Mouse mAb**— DATASHEET —****Host:** Mouse**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** F7H9**Target:** Acetyl-Histone H4 (Lys16)**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

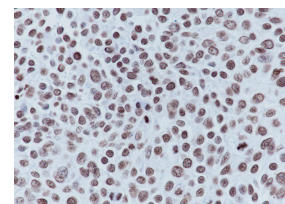
Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Jul 2008]

Applications: WB (1:500-1000)**IHC-P** (1:50-100)**IHC-F** (1:50-100)**IF** (1:50-100)**ICC/IF** (1:50-100)**Reactivity:** Human, Mouse
(predicted: 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-Mouse IgG H&L (HRP) Lysate: HeLa, N2a, BRL, Mouse spleen, Mouse kidney Protein loading quantity: 20 µg Exposure time: 30 s Predicted MW: 11 kDa Observed MW: 11 kDa



Tissue: Mouse kidney Section type: Formalin fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:200 Primary ab incubation condition: 1 hour at room temperature Secondary ab: SP Kit(Mouse)(sp-0024) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for bsm-60064M



Tissue: Human lung squamous carcinoma Section type: Formalin fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:200 Primary ab incubation condition: 1 hour at room temperature Secondary ab: SP Kit(Mouse)(sp-0024) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for bsm-60064M