bsm-60165M **[Primary Antibody]**

Ubiquityl-Histone H2B (Lys120) Mouse mAb

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DATASHEET

Host: Mouse **Isotype:** IgG

Clonality: Monoclonal

GeneID: 3018 **SWISS:** P33778

Target: Ubiquityl-Histone H2B (Lys120)

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].

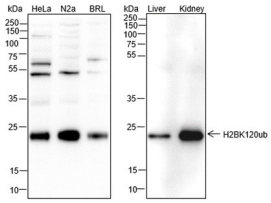
Applications: **WB** (1:1000-2000)

Reactivity: Human, Mouse (predicted: Rat)

Predicted MW.: 14 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:2000 Primary ab incubation condition: 4°C overnight Secondary ab: Goat Anti-Mouse IgG H&L (HRP) Lysate: HeLa, N2a, BRL, Mouse liver， Mouse kidney Protein loading quantity: 20 µg Exposure time: 30 s Predicted MW: 23 kDa Observed MW: 23 kDa