### bsm-60084M

## [ Primary Antibody ]

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# Tri-Methyl-Histone H4 (Lys20) Recombinant Mouse mAb

- DATASHEET -

Host: Mouse Isotype: IgG
Clonality: Recombinant CloneNo.: G7B2

**Target:** Tri-Methyl-Histone H4 (Lys20) **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]

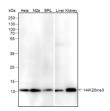
**Applications: WB** (1:500-2000)

Reactivity: Human (predicted: Mouse,

Rat)

Subcellular 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 liver, Mouse kidney Protein loading quantity: 20 µg Exposure time: 30 s Predicted MW: 11 kDa Observed MW: 11 kDa