

Mono-Methyl-Histone H4 (Lys20) Recombinant Mouse mAb

Catalog Number: bsm-60089M

Target Protein: Mono-Methyl-Histone H4 (Lys20)

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Recombinant

Clone No.: C4D9

Isotype: IgG1/Kappa

Applications: WB (1:500-1:2000), ICC/IF (1:50-1:100)

Reactivity: Human (predicted:Mouse, Rat)

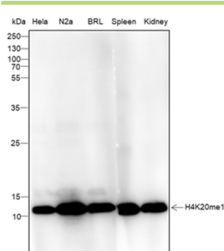
Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

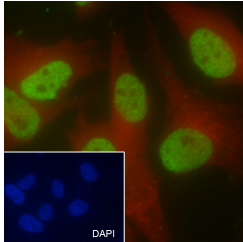
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]

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



Cell line: HeLa Fixative: 4% Paraformaldehyde Permeabilization: 0.1% Triton X-100 Primary Ab dilution: 1:100
Primary incubation condition: 1 hours at room temperature Secondary Ab: Goat Anti-Mouse IgG Nuclear
counter stain: DAPI (Blue) Counter stain: Tubulin (Red) Comment: Color green is the positive signal for
bsm-60089M