### bsm-60157M

### [ Primary Antibody ]

# Bioss ANTIBODIES

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## Mono-Methyl-Histone H4 (Arg3) Mouse mAb

- DATASHEET -

Host: Mouse Isotype: IgG
Clonality: Monoclonal CloneNo.: D2G9

**Target:** Mono-Methyl-Histone H4 (Arg3) **Purification:** Antigen affinity purification

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)

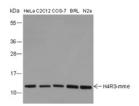
Reactivity: Human (predicted: Mouse,

Rat, Monkey)

Predicted MW.: 11 kDa

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, C2C12, COS-7, BRL, N2a Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 11 kDa Observed MW: 11 kDa