

**bs-60159R****[ Primary Antibody ]****Mono-Methyl-Histone H4 (Arg23) Rabbit pAb****BioSS**  
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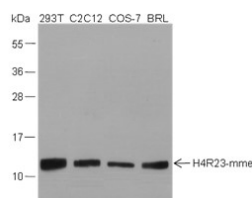
400-901-9800

**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Applications:** WB (1:500-1:2000)**Clonality:** Polyclonal**Reactivity:** Human, Mouse  
(predicted: Rat, Monkey)**Target:** Mono-Methyl-Histone H4 (Arg23)**Purification:** Antigen affinity purification**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

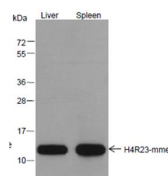
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Predicted  
MW.:** 11 kDa**Subcellular  
Location:** Nucleus

**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-Rabbit IgG H&L (HRP)  
Lysate: 293T, C2C12, COS-7, BRL Protein loading  
quantity: 20 µg Exposure time: 60 s Predicted  
MW: 11 kDa Observed MW: 11 kDa



Blocking buffer: 5% NFDM/TBST Primary ab  
dilution: 1:2000 Primary ab incubation  
condition: 2 hours at room temperature  
Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)  
Lysate: Mouse liver, Mouse spleen Protein  
loading quantity: 20 µg Exposure time: 60 s  
Predicted MW: 11 kDa Observed MW: 11 kDa