

**bs-7499R****[ Primary Antibody ]****Histone H4 (mono methyl K20) Rabbit pAb****Bioss**  
ANTIBODIES

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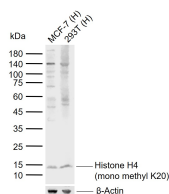
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**— DATASHEET —**

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|--|----------------------|--|
| <b>Host:</b> Rabbit  | <b>Isotype:</b> IgG  | <b>Applications:</b> WB (1:500-2000)             |
| <b>Clonality:</b> Polyclonal   |                      | <b>Reactivity:</b> Human (predicted: Cow, Horse) |
| <b>GeneID:</b> 121504  | <b>SWISS:</b> P62805 |  |
| <b>Target:</b> Histone H4 (mono methyl K20)  |                      | <b>Predicted MW.:</b> 11 kDa                     |
| <b>Immunogen:</b> KLH conjugated Synthesised methylpeptide derived from human Histone H4 around the methylation site of mono methyl K20: HR(mono methyl K)VL.  |                      | <b>Subcellular Location:</b> Nucleus             |
| <b>Purification:</b> affinity purified by Protein A  |                      |  |
| <b>Concentration:</b> 1mg/ml   |                      |  |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.   |                      |  |
| <b>Background:</b> 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 —**

Sample: Lane 1: Human MCF-7 cell lysates Lane  
2: Human 293T cell lysates Primary: Anti-Histone  
H4 (mono methyl K20) (bs-7499R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 11 kDa Observed band size: 14 kDa