

**bs-17427R****[ Primary Antibody ]****Histone H2B (mono methyl K5) Rabbit pAb**

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**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 8349**SWISS:** Q16778**Target:** Histone H2B (mono methyl K5)**Immunogen:** KLH conjugated Synthesised methylpeptide derived from human Histone H2B around the methylation site of mono methyl Lys5: PA(mono methyl-K)SA.**Purification:** affinity purified by Protein A**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. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.  
[provided by RefSeq, Jul 2008]**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**ICC/IF** (1:100-500)**ELISA** (1:5000-10000)**Reactivity:** (predicted: Human, Mouse, Rat, Cow, Chicken, Xenopus laevis)**Predicted MW.:** 14 kDa**Subcellular Location:** Nucleus