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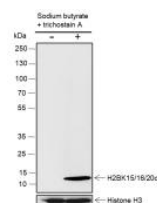
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**Histone H2B (Crotonyl-Lys15 / Lys16 / Lys20)  
Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1D12**GeneID:** 3018**SWISS:** P33778**Target:** Histone H2B (Crotonyl-Lys15 / Lys16 / Lys20)**Purification:** 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. 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 H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Jul 2008].**Applications:** WB (1:500-2000)**Reactivity:** Human**Predicted MW.:** 14 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: (-): HeLa, (+): HeLa+ sodium butyrate (30mM, 4hr) Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 14kDa Observed MW: 14kDa



Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:2000 Primary Ab incubation condition: 2 hours at room temperature Secondary Ab: (-): MCF-7, (+): MCF-7+ sodium butyrate (50mM, 24hr) + trichostatin A (500ng/ml, 4 hr) Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 14kDa Observed MW: 14kDa