

**bsm-61195R**

**[ Primary Antibody ]**

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## phospho-Histone H2B.1 (Thr129) Recombinant Rabbit mAb

### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Recombinant

**Target:** Histone H2B.1 (Thr129)

**Immunogen:** A synthesized peptide derived from yeast Histone H2B.1 around the phosphorylation site of T129: SS-T(p)-QA.

**Purification:** affinity purified by Protein A

**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

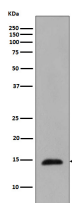
**Background:** Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**Applications:** WB (1:500-2000)

**Reactivity:** Yeast

**Predicted MW.:** 14

### — VALIDATION IMAGES —



Western blot analysis of *Saccharomyces cerevisiae* cell lysate treated with Methyl methanesulfonate. Using Phospho-Histone H2B.1 (Thr129) (bsm-61195R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.