

bsm-61194R

[Primary Antibody]

phospho-Histone H2A (Ser129) Recombinant Rabbit mAb

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— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

Target: Histone H2A (Ser129)

Immunogen: A synthesized peptide derived from yeast Histone H2A around the phosphorylation site of S129: KA-pS-QE.

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.

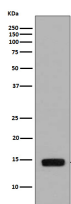
Background: Core component of nucleosome which plays a central role in DNA double strand break (DSB) repair. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Applications: WB (1:1000-2000)

Reactivity: Yeast

Predicted MW.: 14

— VALIDATION IMAGES —



Western blot analysis of *Saccharomyces cerevisiae* treated with Methyl methanesulfonate. Using Phospho-Histone H2A (Ser129) (bsm-61194R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.