

Product Datasheet

Phospho-Histone H2B (T129) Antibody

Catalog No: CY5479

Reactivity: yeast

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P02293

All Names: HTB2; Htb2p; HTB1; Htb1p; Histone H2B.1; Histone H2B.2; SPT12;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

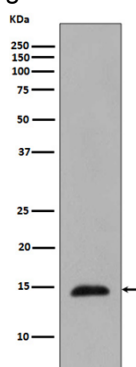
Molecular Wt.: 14 kDa

Application

WB: 1:500~1:1000

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.



Western blot analysis of Histone H2B expression in *Saccharomyces cerevisiae* cell lysate treated with Methyl methanesulfonate.

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