

Product Datasheet

Histone H2B (7E2) Mouse mAb

Catalog No: AB3536

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB, IHC



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Information

UniProt ID: P33778

All Names: H2BK5ac; H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F

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.: 14kDa

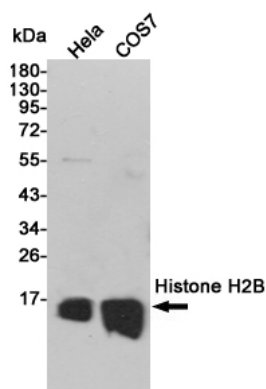
Application

WB: 1/500-1/1000

IHC: 1/50-1/100

Background

Swiss-Prot Acc.P33778. 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 in HeLa and COS7 lysates using Histone H2B antibody.

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