

Product Datasheet

Histone H2B (mono methyl R79) Antibody

Catalog No: CY5485

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: Q16778

All Names: H2B; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105;

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

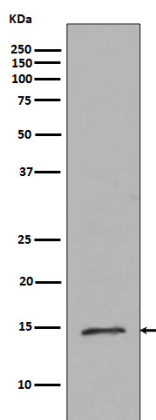
Molecular Wt.: 14 kDa

Application

WB: 1:1000~1:2000

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.



Western blot analysis of Histone H2B (mono methyl R79) expression in HeLa cell lysate.

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