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Histone H2B Blocking Peptide
Catalog # PBV10271b

Specification

Histone H2B Blocking Peptide - Product Information

Primary Accession	Q16778
Other Accession	CAA41051
Gene ID	8349
Calculated MW	13920

Histone H2B Blocking Peptide - Additional Information

Gene ID 8349

Application & Usage	**The peptide is used for blocking the antibody activity of Histone H2B. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
Histone H2B type 2-E, Histone H2B-GL105, Histone H2B.q, H2B/q, HIST2H2BE, H2BFQ

Target/Specificity
Histone H2B

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Histone H2B Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Histone H2B Blocking Peptide - Protein Information

Name H2BC21 (HGNC:4760)

Function
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.

Cellular Location
Nucleus. Chromosome.

Histone H2B Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Histone H2B Blocking Peptide - Images