

Histone H2A Blocking Peptide
Catalog # PBV10270b**Specification**

Histone H2A Blocking Peptide - Product Information

Primary Accession	Q93077
Gene ID	8334
Calculated MW	14105

Histone H2A Blocking Peptide - Additional Information**Gene ID** 8334**Application & Usage**

The peptide is used for blocking the antibody activity of Histone H2A. 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 H2A type 1-C, Histone H2A/I, HIST1H2AC, H2AFL

Target/Specificity

Histone H2A

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 H2A Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Histone H2A Blocking Peptide - Protein Information**Name** H2AC6 ([HGNC:4733](#))**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 H2A 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 Cytometry](#)
- [Cell Culture](#)

Histone H2A Blocking Peptide - Images