

Histone H4 Blocking Peptide
Catalog # PBV10273b**Specification**

Histone H4 Blocking Peptide - Product Information

Primary Accession	P62805
Other Accession	CAB02549
Gene ID	8367
Calculated MW	11367

Histone H4 Blocking Peptide - Additional Information**Gene ID** 121504;554313;8294;8359;8360;8361;8362;8363;8364;8365;8366;8367;8368;8370**Application & Usage**

The peptide is used for blocking the antibody activity of Histone H4. 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.

Target/Specificity

Histone H4

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Histone H4 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Histone H4 Blocking Peptide - Protein Information**Name** H4C1**Synonyms** H4/A, H4FA, HIST1H4A**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 H4 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 H4 Blocking Peptide - Images