

**hH4-K20[Me1] Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP3656a****Specification**

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**hH4-K20[Me1] Blocking Peptide - Product Information**Other Accession [P62805](#)**hH4-K20[Me1] Blocking Peptide - Additional Information****Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP3656a](/products/AP3656a) was selected from the region of human hH4-K20[Me1]. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**hH4-K20[Me1] Blocking Peptide - Protein Information****hH4-K20[Me1] Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**hH4-K20[Me1] Blocking Peptide - Images****hH4-K20[Me1] Blocking Peptide - Background**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures.

**hH4-K20[Me1] Blocking Peptide - References**

Yan,D., et.al., Biochem. J. 408 (1), 113-121 (2007)