

**Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4)
Recombinant Antibody
Catalog # APR10937**

Specification

Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P62805
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4) - Additional Information

Target/Specificity
Histone H4

Endotoxin
< 0.001EU/ µg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4) - 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

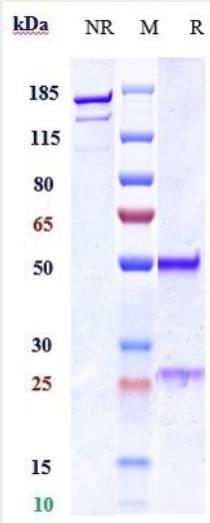
Nucleus {ECO:0000250|UniProtKB:P62806}. Chromosome. Note=Localized to the nucleus when acetylated in step 11 spermatids. {ECO:0000250|UniProtKB:P62806}

Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4) - Protocols

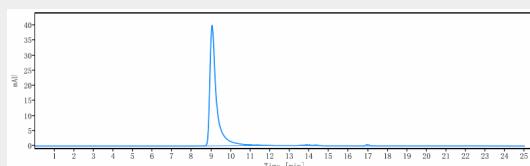
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4) - Images



Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-Histone H4 Reference Antibody (Immunomedics patent anti-Histone H4) is more than 95% ,determined by SEC-HPLC.