

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

Recombinant Antibody

Catalog # APR10937

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P62805
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	11367

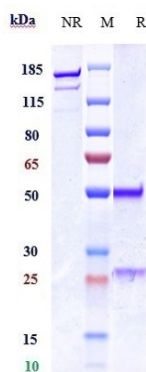
Additional Information

Target/Specificity	Histone H4
Endotoxin 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.

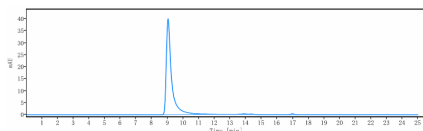
Protein Information

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}

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.