

**Anti-Histone H3 Reference Antibody (Immunomedics patent anti-Histone H3)  
Recombinant Antibody  
Catalog # APR10936****Specification**

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**Anti-Histone H3 Reference Antibody (Immunomedics patent anti-Histone H3) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">Q6NXT2</a>
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

**Anti-Histone H3 Reference Antibody (Immunomedics patent anti-Histone H3) - Additional Information****Target/Specificity**

Histone H3

**Endotoxin**

&lt; 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.

**Storage**

-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

**Anti-Histone H3 Reference Antibody (Immunomedics patent anti-Histone H3) - Protein Information****Name** H3-5 ([HGNC:33164](#))**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. Hominid-specific H3.5/H3F3C

preferentially colocalizes with euchromatin, and it is associated with actively transcribed genes.

**Cellular Location**

Nucleus. Chromosome.

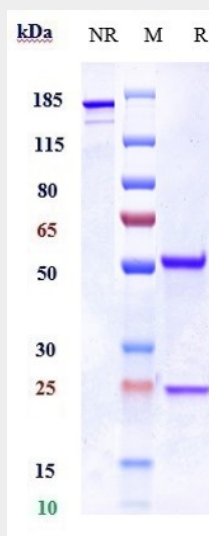
**Tissue Location**

Specifically expressed in the seminiferous tubules of testis.

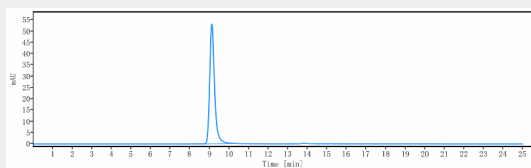
**Anti-Histone H3 Reference Antibody (Immunomedics patent anti-Histone H3) - Protocols**

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 H3 Reference Antibody (Immunomedics patent anti-Histone H3) - Images**

Anti-Histone H3 Reference Antibody (Immunomedics patent anti-Histone H3) 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 H3 Reference Antibody (Immunomedics patent anti-Histone H3) is more than 95% ,determined by SEC-HPLC.