

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

Recombinant Antibody

Catalog # APR10936

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q6NXT2
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	15214

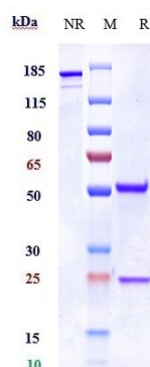
Additional Information

Target/Specificity	Histone H3
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

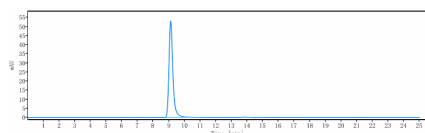
Protein Information

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.

Images



Anti-Histone H3 Reference Antibody (Immunomedics patent anti-Histone H3) on SDS-PAGE under reducing (R) condition. 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.

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