

Anti- Histone H3.3 Rabbit Monoclonal Antibody
Rabbit Monoclonal Antibody
Catalog # ABV11834**Specification**

Anti- Histone H3.3 Rabbit Monoclonal Antibody - Product Information

Application	WB, E
Primary Accession	P84243
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	15328

Anti- Histone H3.3 Rabbit Monoclonal Antibody - Additional Information**Gene ID** 3020;3021

Positive Control	WB: Hela cell lysate
Application & Usage	Western Blot: 0.5 ug/mL - 2 ug/mL; ELISA: 0.2 ug/mL - 1 ug/mL; Multiplex: 0.05 ug/mL - 0.5 ug/mL.
Alias Symbol	H3F3A
Other Names	
H3F3A, H3.3A, H3F3, H3F3B, H3.3B	

Appearance
Colorless liquid**Formulation**
In 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**

Anti- Histone H3.3 Rabbit Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti- Histone H3.3 Rabbit Monoclonal Antibody - Protein Information**Name** H3-3A ([HGNC:4764](#))**Synonyms** H3.3A, H3F3, H3F3A

Function

Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. 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. Chromosome

Anti- Histone H3.3 Rabbit Monoclonal Antibody - 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 H3.3 Rabbit Monoclonal Antibody - Images**Anti- Histone H3.3 Rabbit Monoclonal Antibody - Background**

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