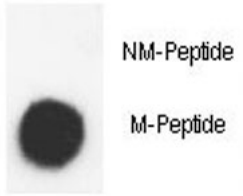
Histone H3.3 Antibody (H3F3A) (F40711)

Catalog No.	Formulation	Size
F40711-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40711-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P84243
Applications	Dot blot: 1:500
Limitations	This Histone H3.3 antibody is available for research use only.



Dot blot analysis of phospho-Histone H3.3 antibody. 50ng of Methyl-peptide or Non Methyl-peptide per dot were spotted.

Description

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene for histone H3-MeK9 is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

Application Notes

Titration of the Histone H3.3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from human H3F3A was used as the immunogen for this Histone H3.3 antibody.

Storage

Aliquot the Histone H3.3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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