

Hydroxyl-Histone H2A-Y39 Monoclonal Antibody

Catalog No.	A11009	Category	Monoclonal Antibodies
Applications	WB, IHC	Observed MW	14kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	14kDa

Immunogen Information

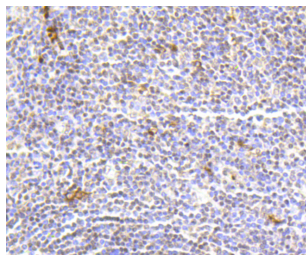
Immunogen	A specific peptide of human Hydroxyl-Histone H2A-Y39
Gene ID	3012
Swiss prot	P04908
Synonyms	HIST1H2AE; H2A.1; H2A.2; H2A/a; H2AFA; histone H2A type 1-B/E

Product information

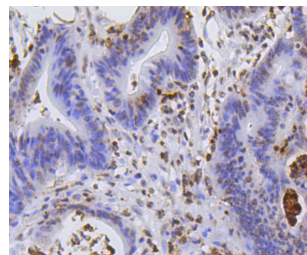
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 is intronless and encodes a replication-dependent histone that is a member of the histone H2A 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.



Immunohistochemistry - Hydroxyl-Histone H2A-Y39 Monoclonal Antibody (A11009)

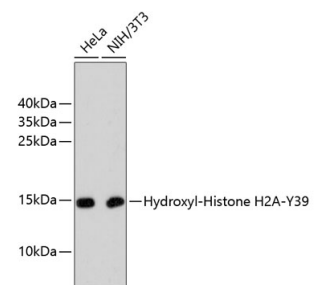


Immunohistochemistry - Hydroxyl-Histone H2A-Y39 Monoclonal Antibody (A11009)

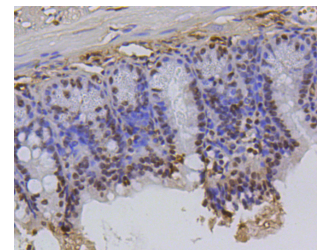
Recommended Dilutions

WB 1:500 -
1:2000

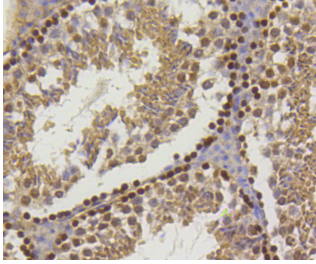
IHC 1:500 -
1:1000



Western blot - Hydroxyl-Histone H2A-Y39 Monoclonal Antibody (A11009)



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