

Product Name: Histone H3 (10A10) Mouse Monoclonal Antibody**Catalog #: AMM03866**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Antigen Information

Gene Name	H3C1
Alternative Names	H3 histone; family 3A; H3 histone; family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3; H3F3A; H3F3B; Histone H3.3
Gene ID	8350
SwissProt ID	P68431
Immunogen	A synthetic peptide corresponding to target protein

Background

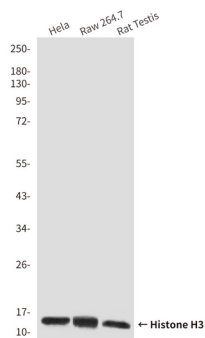
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the

cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

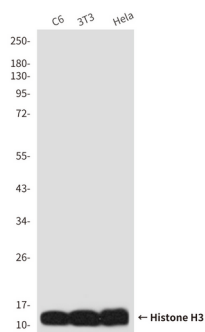
Research Area

Epigenetics and Nuclear Signaling

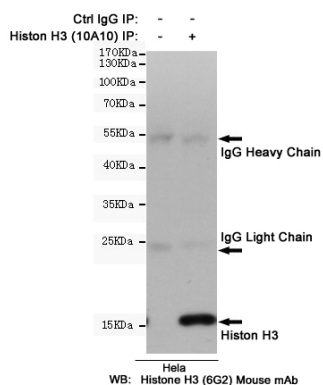
Image Data



Western blot analysis of Histone H3 in HeLa, Raw 264.7, rat Testis lysates using Histone H3 (10A10) antibody



Western blot analysis of Histone H3 (10A10) in C6, 3T3, HeLa lysates using Histone H3 (10A10) antibody.



Immunoprecipitation analysis of Histone H3 (10A10) in HeLa lysates using Histone H3 (1A1) antibody.