

Anti-HIST1H3A Antibody (2M992)

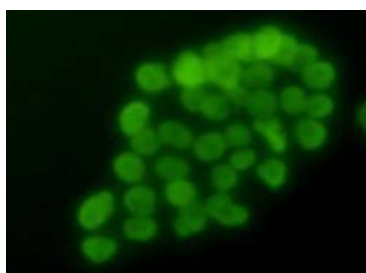
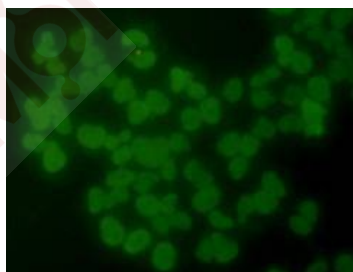
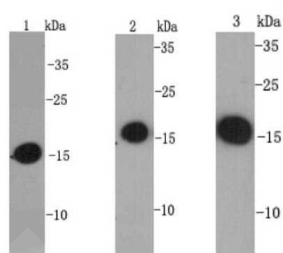
Product Details

Reactivity:	Human,Mouse,Rat,zebrafish
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 18 kDa.
Clone:	2M992
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of Histone H3 on different cell lysates using anti-Histone H3 antibody at 1/2,000 dilution. Positive control: Lane 1: Hela, Lane 2: PC-12, Lane 3: F9.
2. Immunofluorescent staining of Hela cells using anti-Histone H3 Mouse mAb.
3. Immunofluorescent staining of F9 cells using anti-Histone H3 Mouse mAb.



Application:	ICC,WB
Recommended	WB: 1:5000-10000; ICC: 1:200-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide

Uniprot ID: P68431

Synonyms: Histone H3;Histone H3.1;HIST1H3A, HIST1H3B, HIST1H3C, HIST1H3D, HIST1H3E, HIST1H3F, HIST1H3G, HIST1H3H, HIST1H3I, HIST1H3J;histone cluster 1, H3a

Research Background

The nucleosome, made up of DNA wound around eight core histone proteins (two each of H2A, H2B, H3, and H5), is the primary building block of chromatin. 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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