

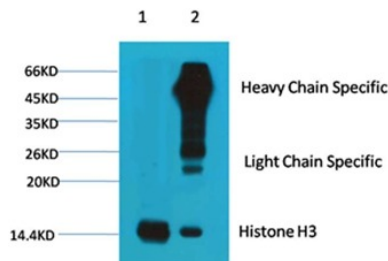
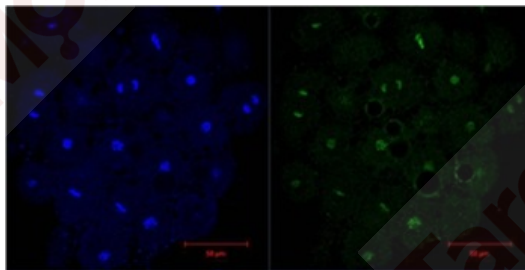
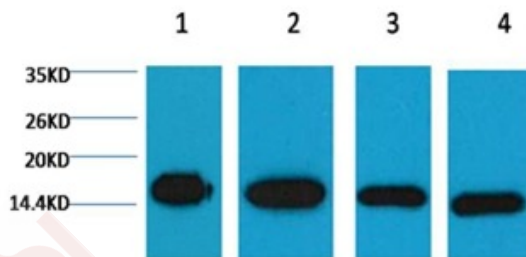
Anti-HIST1H3A Antibody (5H508)

Product Details

Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 17 kDa.
Clone:	5H508
Purification:	Affinity purification using immunogen.

Applications

1. Western blot analysis of 1) HeLa, 2) Raw, 3) Mouse Brain Tissue, 4) Rat Brain Tissue, using TMAC-01919 diluted at 1:5,000.
2. IF analysis of HeLa with DAPI (Left) and TMAC-01919(Right) diluted at 1:200.
3. 1 Input: HeLa Cell Lysate, 2 IP product: IP dilute 1:200, Western blot analysis: primary antibody: TMAC-01919 1:2,000, Secondary antibody: Goat anti-Mouse IgG(H+L) 1:10,000.



Application:	IF,IP,WB
Recommended	WB: 1:2000-5000;IF: 1:100-500; IP: 1:200

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

Uniprot ID: P68431

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

Research Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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