

Anti-Histone H2A (acetyl K9) Recombinant Rabbit Monoclonal Antibody



Catalog #: 2117

Aliases

H2AC4; H2A Clustered Histone 4; HIST1H2AB; H2A/M; H2AFM; Histone Cluster 1 H2A Family Member B; H2A Histone Family, Member M; Histone Cluster 1, H2ab; Histone H2A Type 1-B/E; Histone 1, H2ab; Histone H2A/M; Histone H2A.2; Histone H2A/A; HIST1H2AE; H2AC8; H2AFA

Background

Gene Name: H2AC4

NCBI Gene Entry: [8335](#)

UniProt Entry: [P04908](#)

Application Information

Molecular Weight: Predicted, 14 kDa; observed, 17 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB6080

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Histone H2A (acetyl K9)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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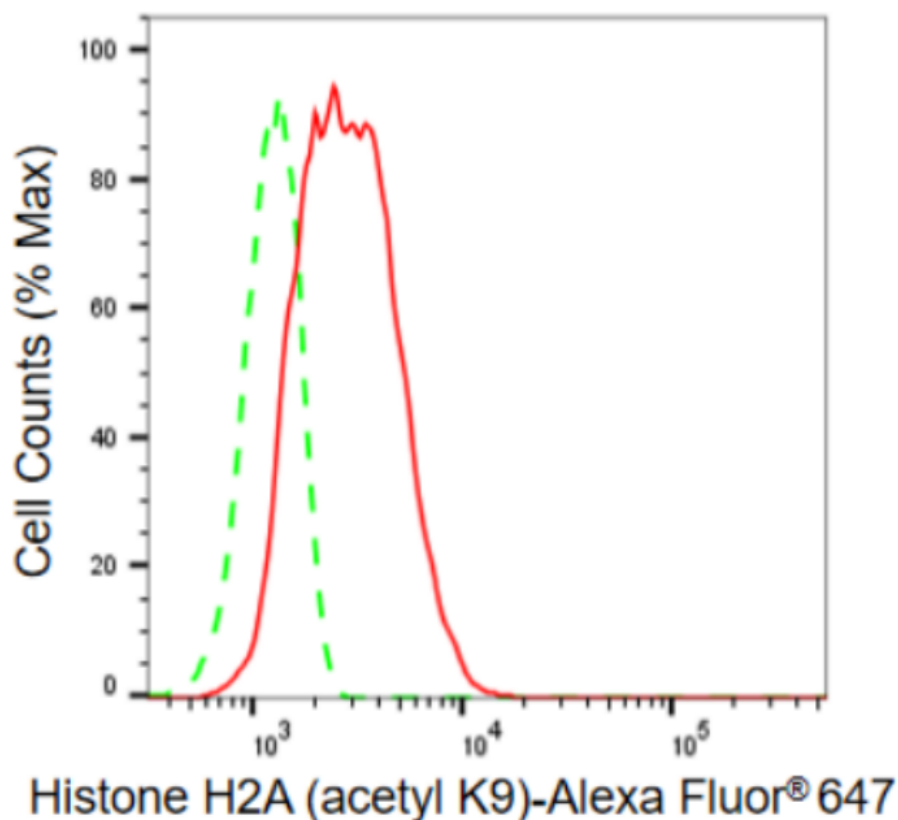
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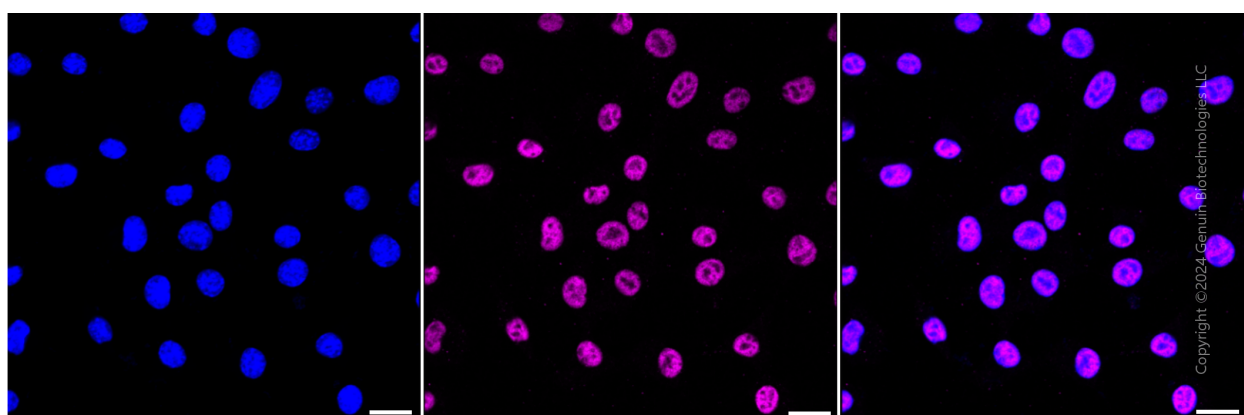
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Validation Data



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Flow cytometric analysis of Histone H2A (acetyl K9) expression in C2C12 cells using Histone H2A (acetyl K9) antibody (Cat#2117, 1:2,000). Green, isotype control; red, Histone H2A (acetyl K9).



Immunocytochemical staining of HeLa cells with anti-Histone H2A (acetyl K9) antibody (Cat#2117, 1:1,000). Nuclei were stained blue with DAPI; Histone H2A (acetyl K9) was stained

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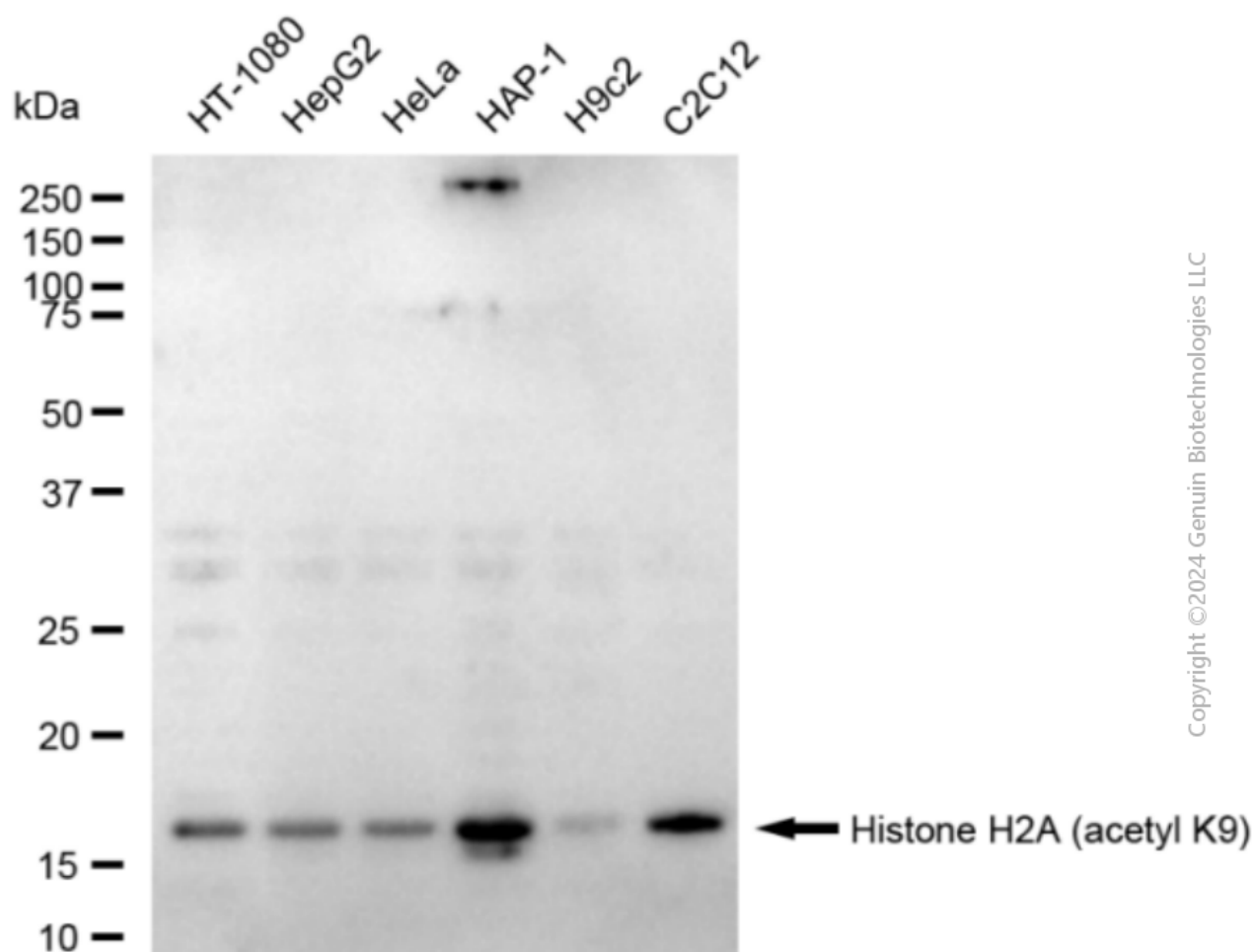
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magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.



Western blotting analysis using anti-Histone H2A (acetyl K9) antibody (Cat#2117). Total cell lysates (5 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Histone H2A (acetyl K9) antibody (Cat#2117, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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