

Anti-Histone H2A (mono methyl K118) Recombinant Rabbit Monoclonal Antibody



Catalog #: 2168

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, 14 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB6330

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Histone H2A (mono methyl K118)

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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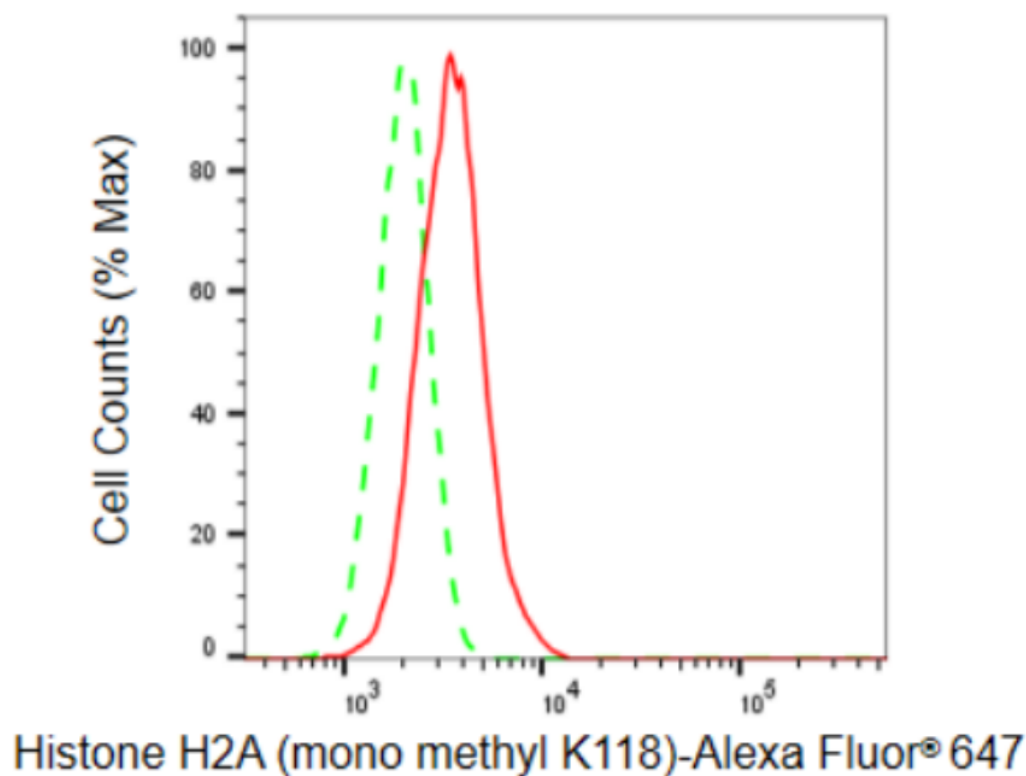
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PAGE 2

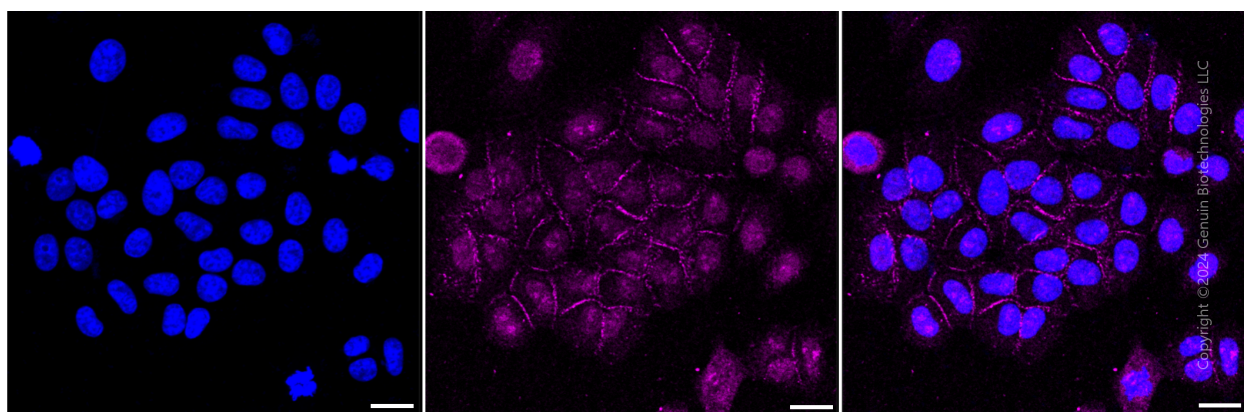
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Validation Data



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Flow cytometric analysis of Histone H2A (mono methyl K118) expression in HepG2 cells using Histone H2A (mono methyl K118) antibody (Cat#2168, 1:2,000). Green, isotype control; red, Histone H2A (mono methyl K118).



Immunocytochemical staining of HepG2 cells with anti-Histone H2A (mono methyl K118) antibody (Cat#2168, 1:1,000). Nuclei were stained blue with DAPI; Histone H2A (mono methyl K118) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.

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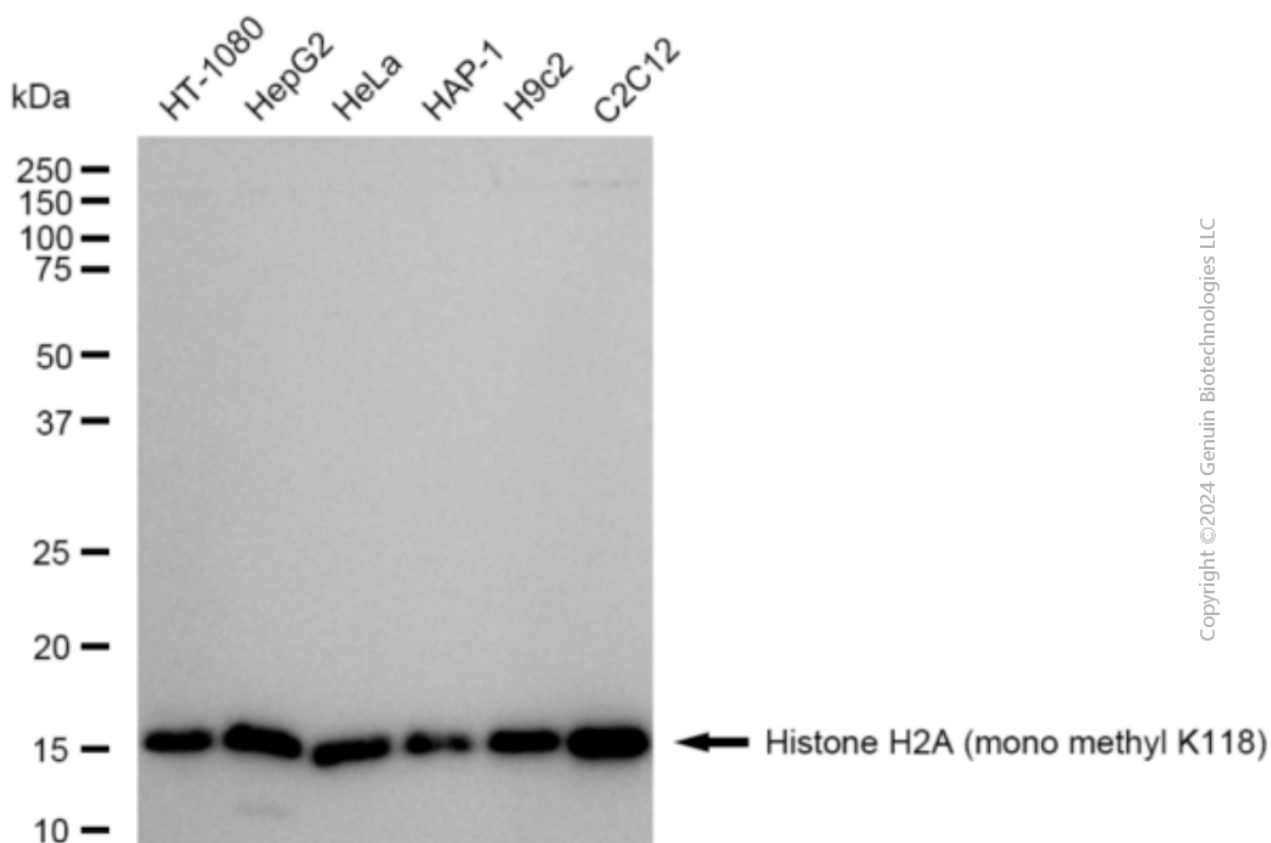
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PAGE 3



Western blotting analysis using anti-Histone H2A (mono methyl K118) antibody (Cat#2168). 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 (mono methyl K118) antibody (Cat#2168, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).

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