Anti-Histone H3 Recombinant Rabbit Monoclonal Antibody

Catalog #: 1252

Aliases

H3C1; H3 Clustered Histone 1; HIST1H3A; H3/A; H3FA; Histone Cluster 1 H3 Family Member A; H3 Histone Family, Member A; Histone Cluster 1, H3a; Histone 1, H3a; Histone H3.1; Histone H3/A; H3FC HIST1H3C; Histone H3/B; Histone H3/C; Histone H3/D; Histone H3/F; Histone H3/H; Histone H3/I; Histone H3/J; Histone H3/K; Histone H3/L; HIST1H3B; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J; H3C10; H3C11; H3C12; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FL; H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ

Background

Gene Name: H3C1
NCBI Gene Entry: 8350
UniProt Entry: P68431

Application Information

Molecular Weight: Predicted, 15 kDa; observed, 17 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB2370
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Histone H3

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): 1:2,000-1:10,000
Immunocytochemistry (IC): 1:100-1:1,000

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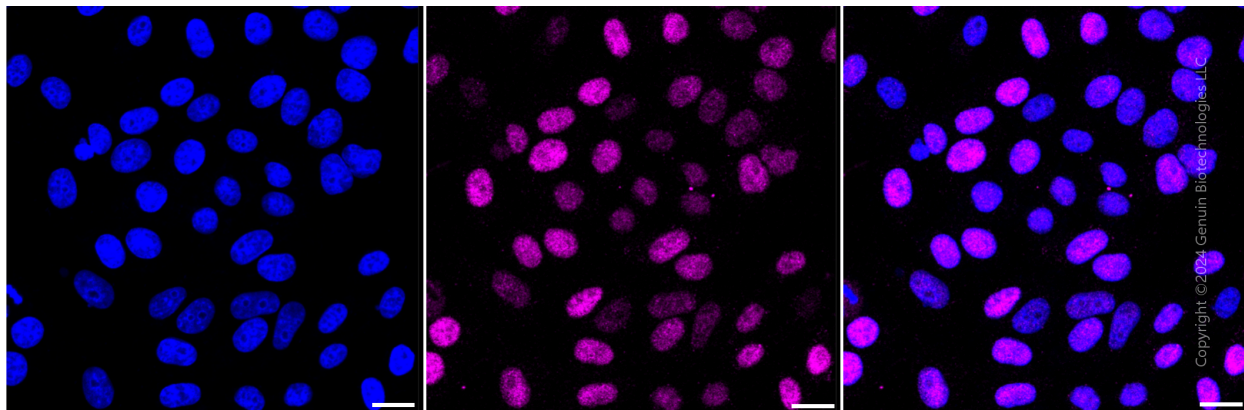
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Note: This product is for research use only.

Validation Data

Immunocytochemical staining of HepG2 cells with anti-Histone H3 antibody (Cat#1252, 1:1,000). Nuclei were stained blue with DAPI; Histone H3 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 μm.
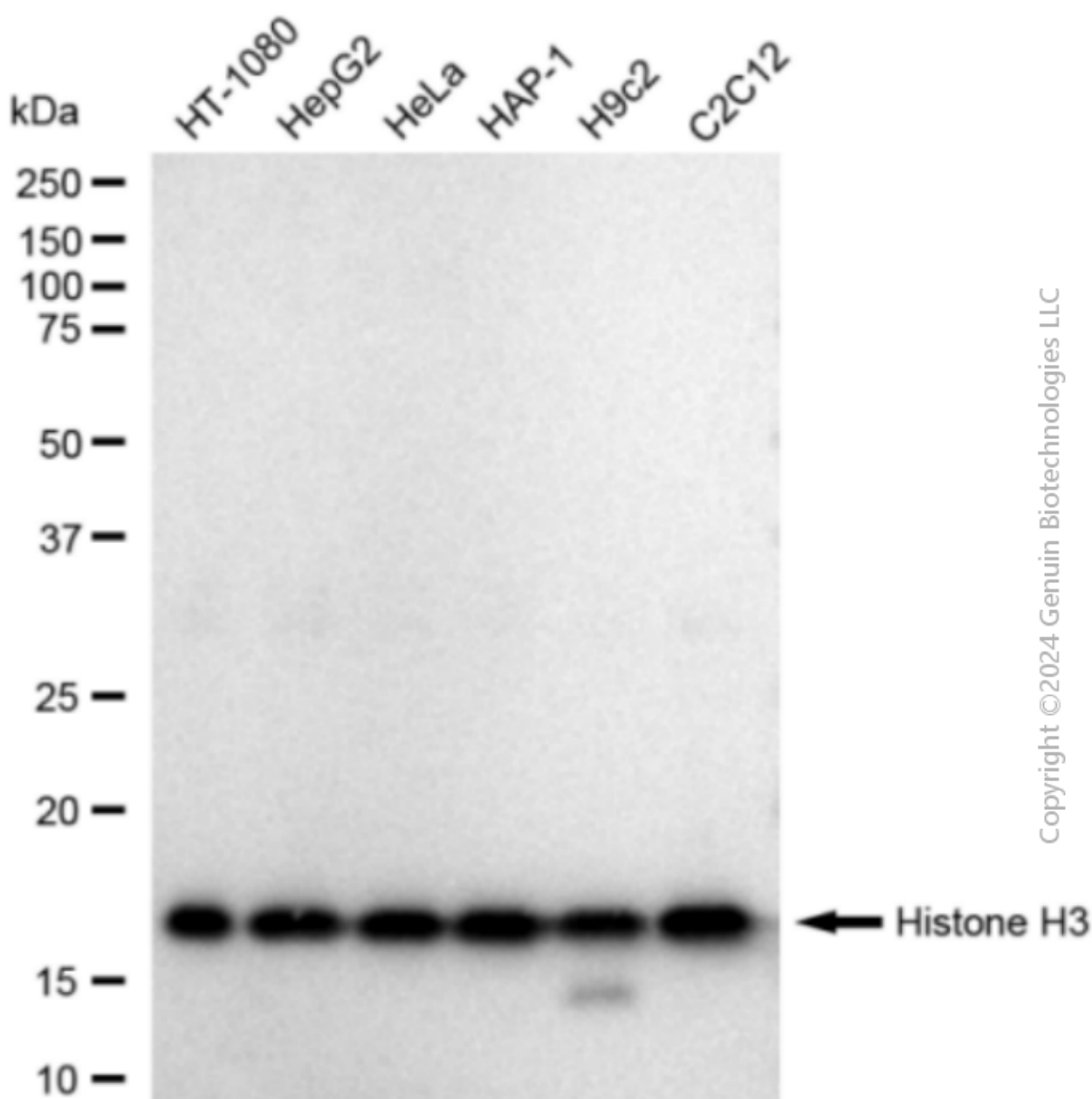

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Western blotting analysis using anti-Histone H3 antibody (Cat#1252). Total cell lysates (3 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Histone H3 antibody (Cat#1252, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:50,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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