

KO-Validated Anti-Phospho-Histone H3 (T3) Recombinant Rabbit Monoclonal Antibody



Catalog #: 71194

Aliases

H3-3A; H3.3 Histone A; H3.3A; H3F3A; H3F3; H3 Histone Family Member 3A; H3 Histone, Family 3A; Histone H3.3; BRYLIB1; H3-3B; H3.3B; H3F3B

Background

Gene Name: H3-3A

NCBI Gene Entry: [3020](#)

UniProt Entry: [P84243](#)

Application Information

Molecular Weight: Predicted, 15 kDa; observed, 16 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2460

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-Histone H3 (T3)

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

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

Note: This product is for research use only.

Validation Data

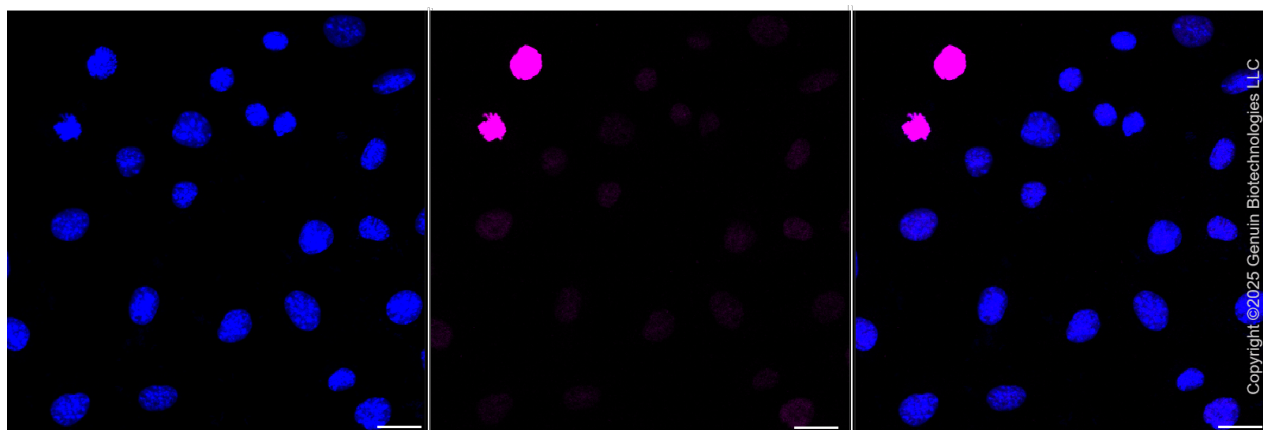
SUPPORT

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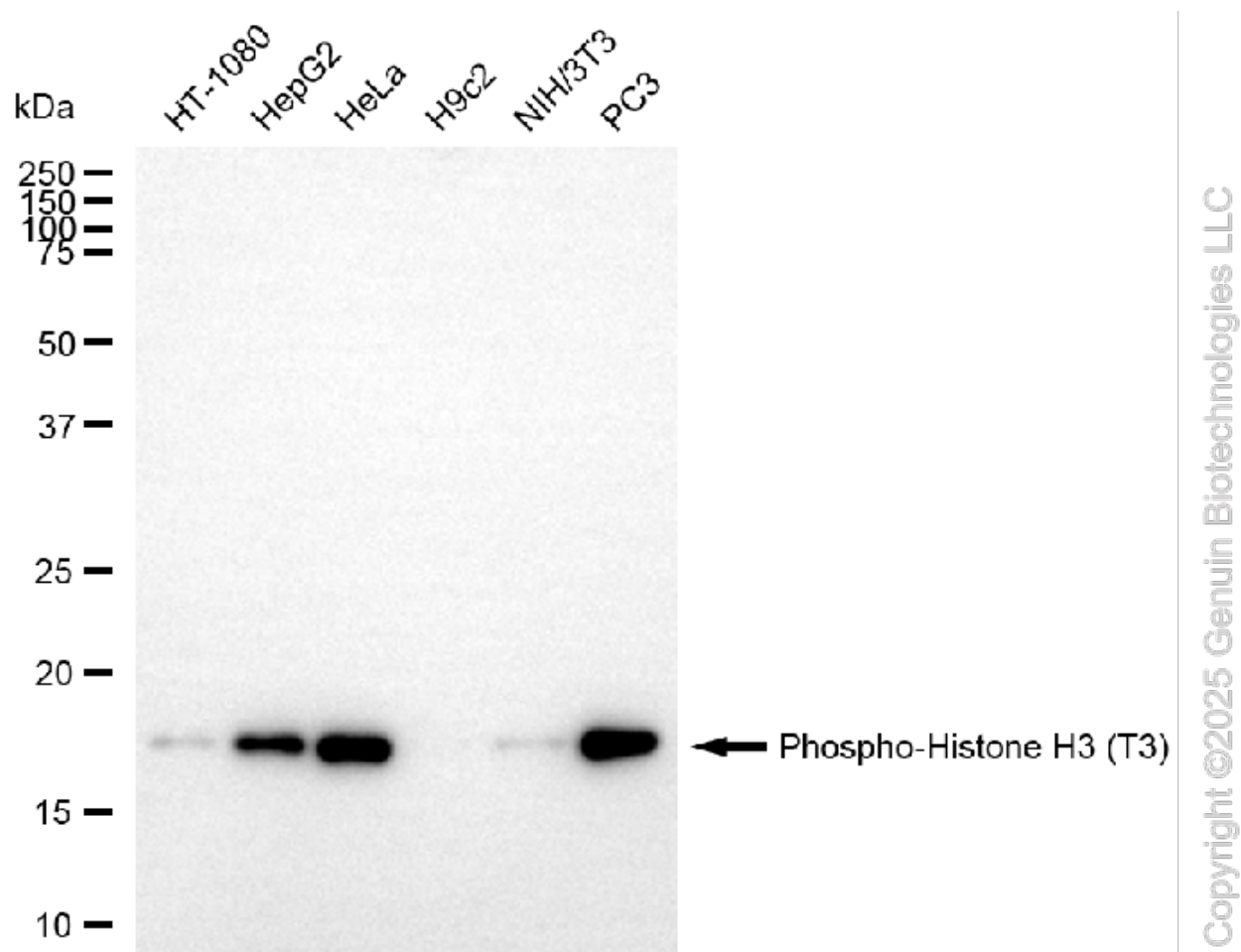
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Immunocytochemical staining of C2C12 cells with anti-Phospho-Histone H3 (T3) antibody (Cat#71194, 1:1,000). Nuclei were stained blue with DAPI; Phospho-Histone H3 (T3) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.

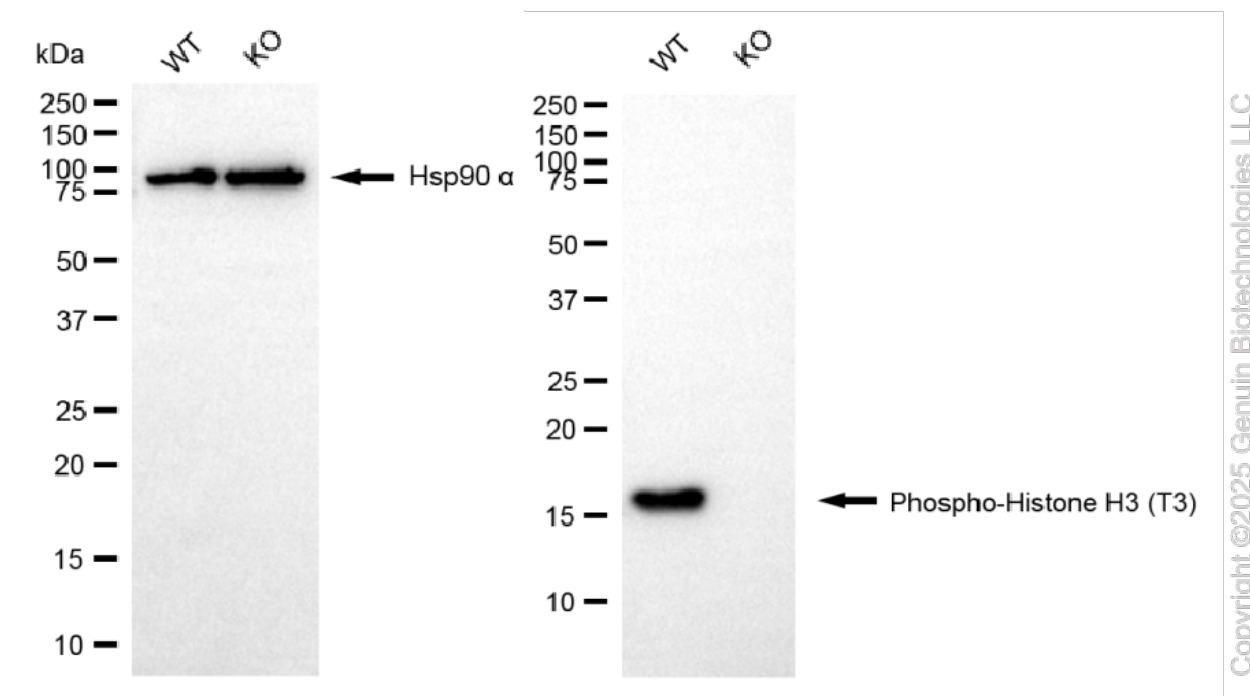


Western blotting analysis using anti-phospho-Histone H3 (T3) antibody (Cat#71194). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was

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incubated with anti-phospho-Histone H3 (T3) antibody (Cat#71194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-phospho-histone H3 (T3) antibody (Cat#71194). Phospho-histone H3 (T3) expression in wild type (WT) and H3-3A knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-phospho-histone H3 (T3) antibody (Cat#71194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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