

Anti-Forkhead box O4 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4240

Aliases

FOXO4; Forkhead Box O4; AFX1; MLLT7; Myeloid/Lymphoid Or Mixed-Lineage Leukemia (Trithorax Homolog, Drosophila); Translocated To, 7 2 3; Fork Head Domain Transcription Factor AFX1; Forkhead Box Protein O4; AFX; Myeloid/Lymphoid Or Mixed-Lineage Leukemia (Trithorax (Drosophila) Homolog); Translocated To, 7

Background

Gene Name: FOXO4

NCBI Gene Entry: [4303](#)

UniProt Entry: [P98177](#)

Application Information

Molecular Weight: Predicted, 54 kDa; observed, 65 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10235

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human FoxO4

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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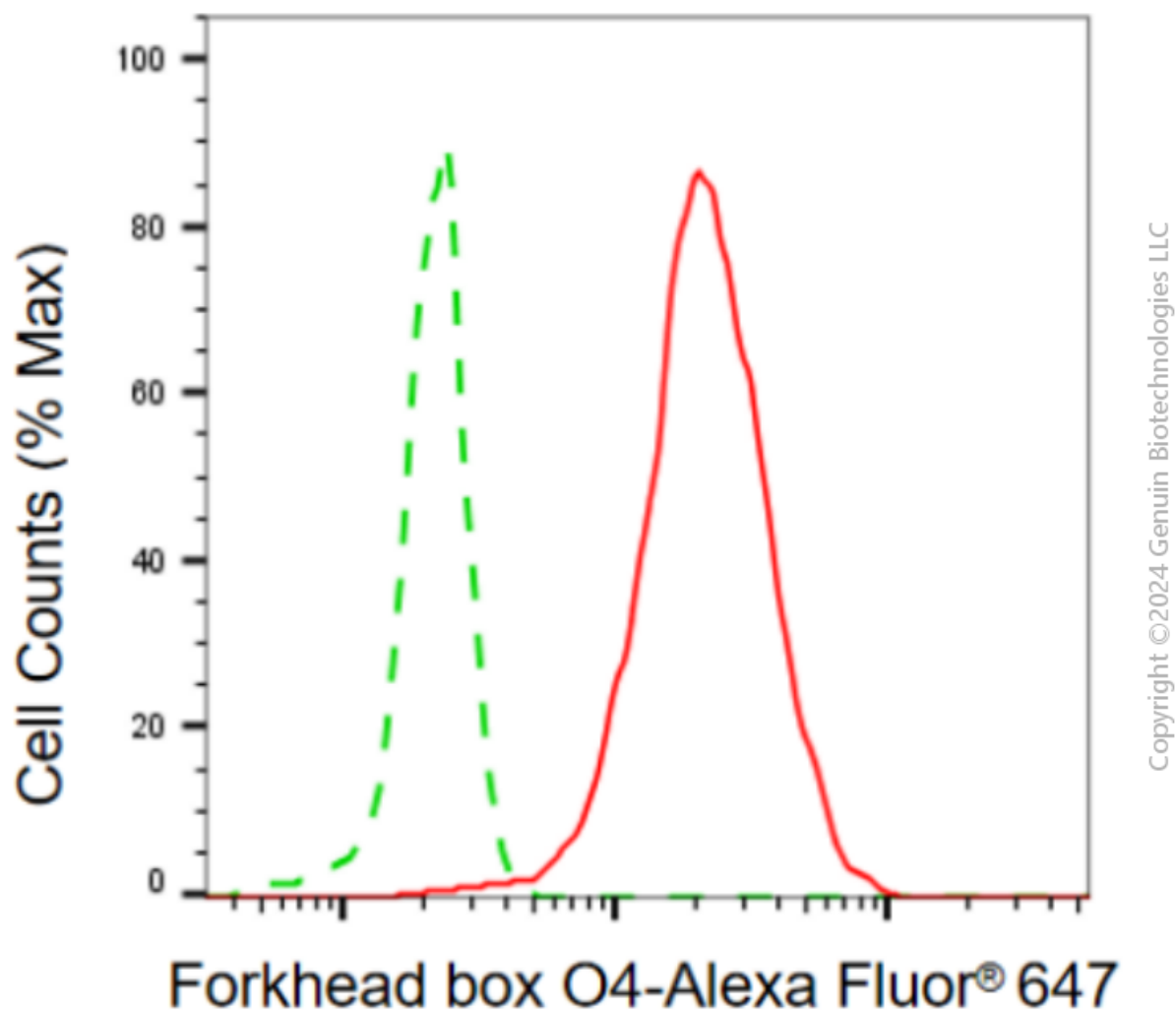
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of forkhead box O4 expression in HeLa cells using anti-forkhead box O4 antibody (Cat#4240, 1:2,000). Green, isotype control; red, forkhead box O4.

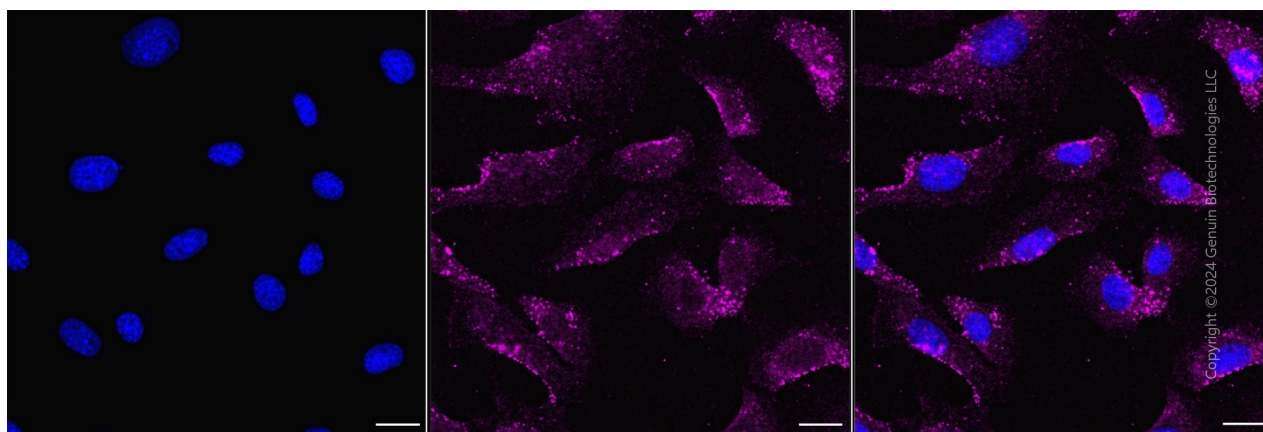
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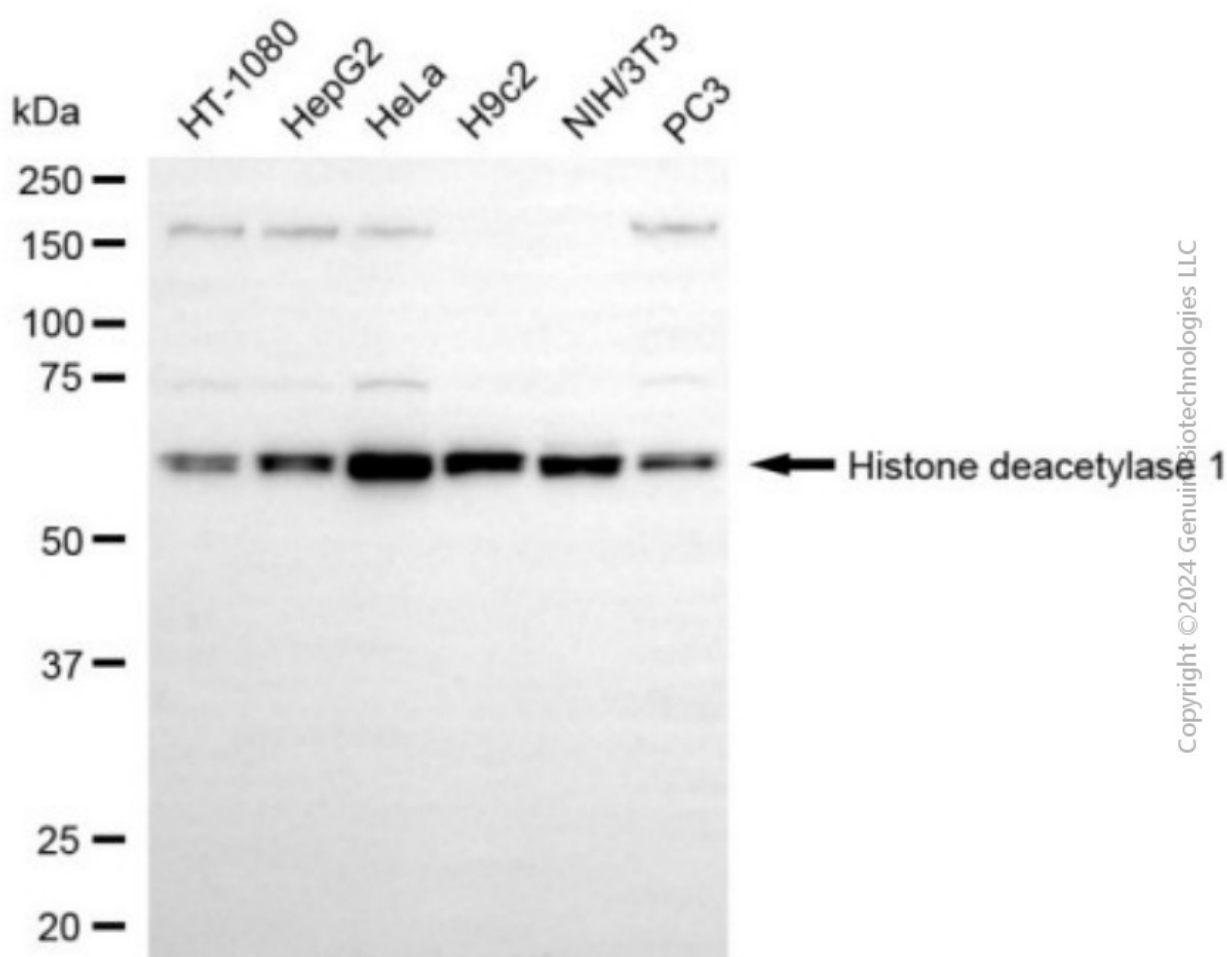
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Immunocytochemical staining of HeLa cells with anti-Forkhead box O4 antibody (Cat#4240, 1:1,000). Nuclei were stained blue with DAPI; Forkhead box O4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-forkhead box O4 antibody (Cat#4240). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with

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anti-forkhead box O4 antibody (Cat#4240, 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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