

Anti-Uracil DNA Glycosylase Recombinant Rabbit Monoclonal Antibody



Catalog #: 4552

Aliases

UNG; Uracil DNA Glycosylase; UNG1; UDG; HIGM4; UNG2; DGU; Uracil-DNA Glycosylase 1, Uracil-DNA Glycosylase 2; Uracil-DNA Glycosylase; UNG15; EC 3.2.2.27; EC 3.2.2; HIGM5

Background

Gene Name: UNG

NCBI Gene Entry: [7374](#)

UniProt Entry: [P13051](#)

Application Information

Molecular Weight: Predicted, 35 kDa; observed, 32 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11785

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human UNG

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

Note: This product is for research use only.

Validation Data

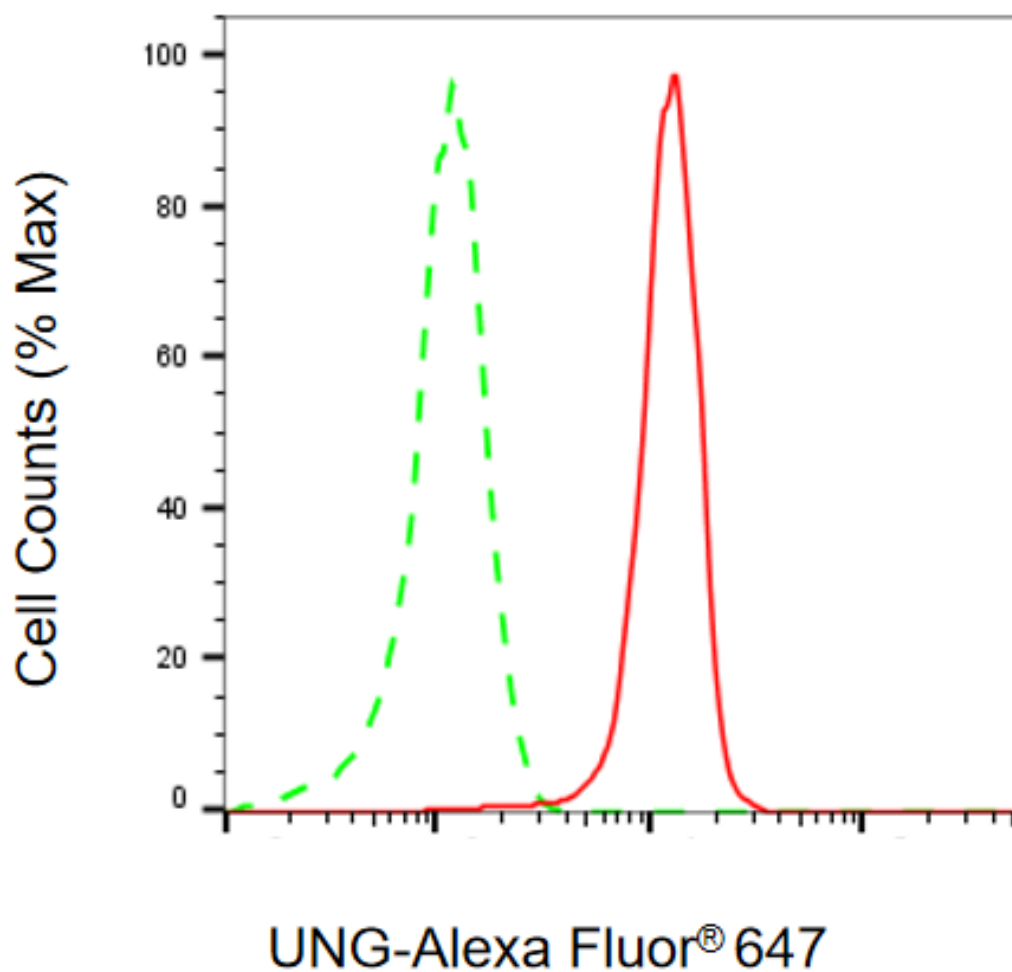
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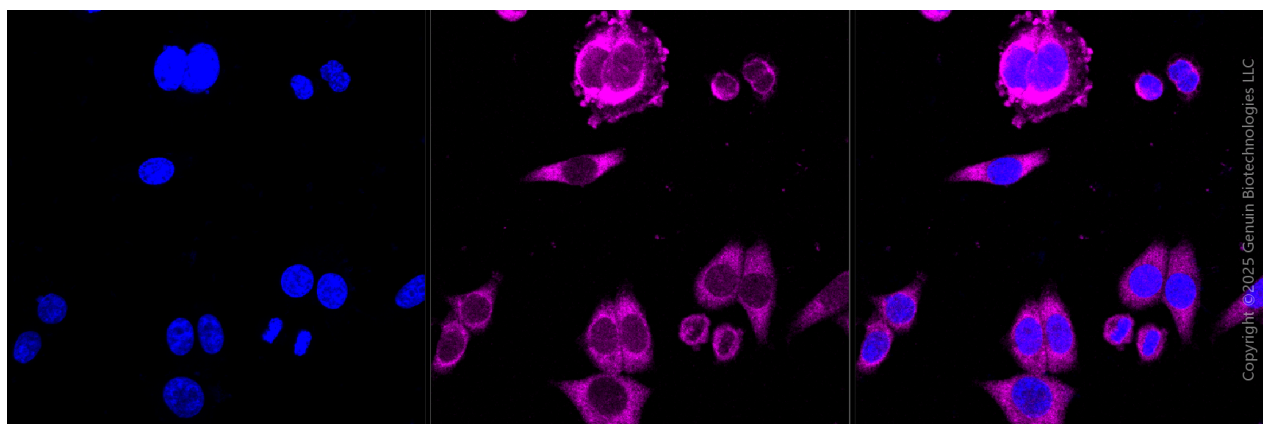
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Flow cytometric analysis of UNG expression in HepG2 cells using anti-UNG antibody (Cat#4552, 1:2,000). Green, isotype control; red, UNG.



Immunocytochemical staining of HepG2 cells with anti-UNG antibody (Cat#4552, 1:1,000). Nuclei were stained blue with DAPI; UNG was stained magenta with Alexa Fluor® 647. Images

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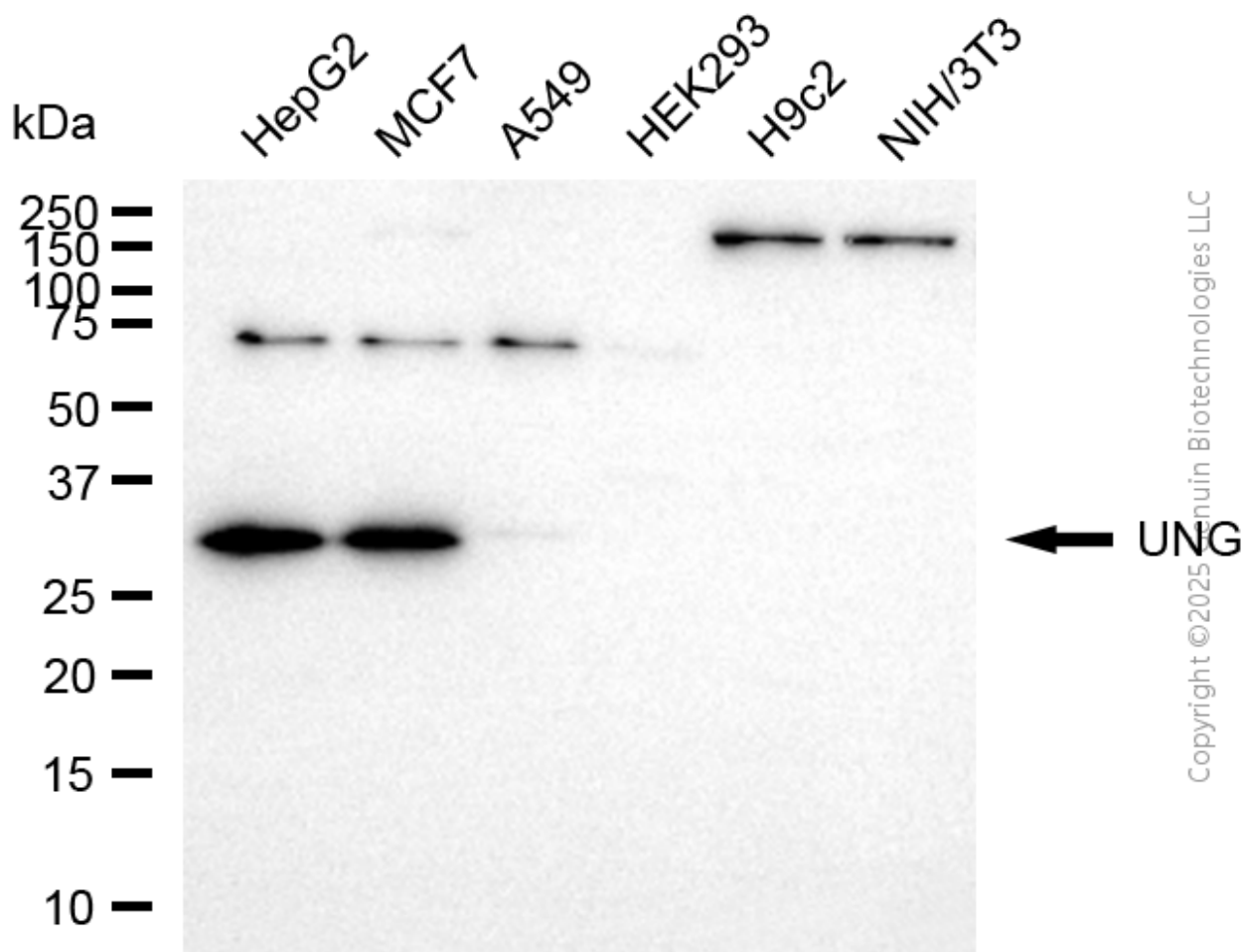
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were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-UNG antibody (Cat#4552). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-UNG antibody (Cat#4552, 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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