9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Uracil DNA Glycosylase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1748

Product Overview

Name	KD-Validated Anti-Uracil DNA Glycosylase Rabbit Monoclonal Antibody
Accession(Primary)	P13051
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human UNG
Species Reactivity	Human
Calculated MW	Predicted, 35 kDa , observed , 32 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P13051)

Gene Name	UNG
About Gene Symbol	UNG (Uracil DNA Glycosylase) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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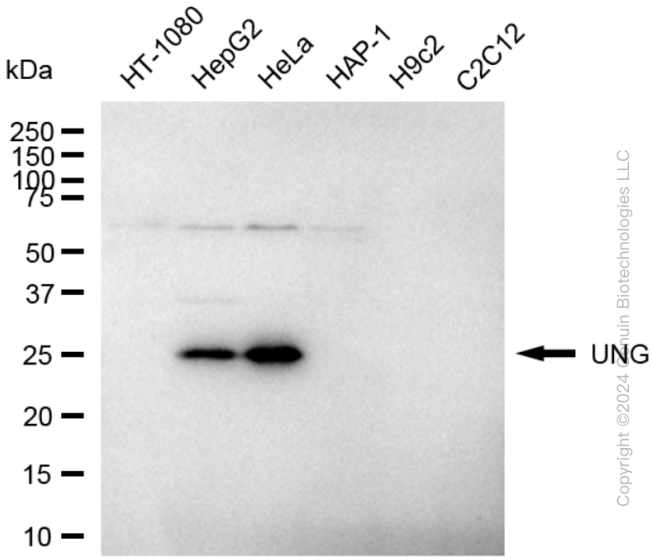

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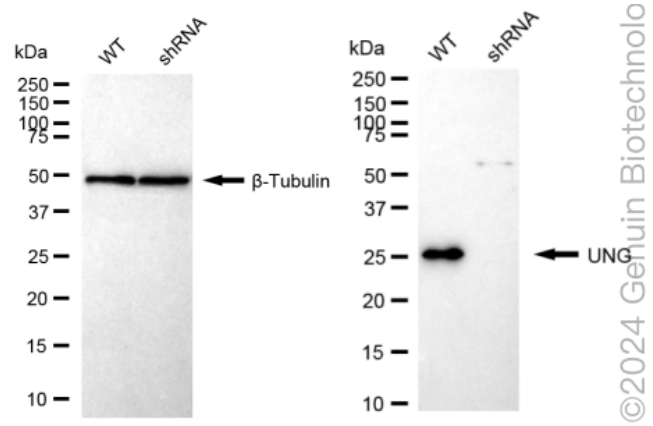
Western blotting analysis using anti-UNG antibody (Cat#ABG1748). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-UNG antibody (Cat#ABG1748, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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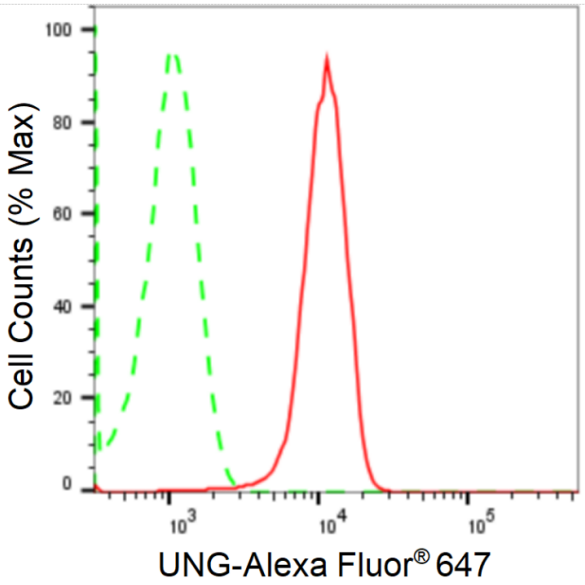
Western blotting analysis using anti-UNG antibody (Cat#ABG1748). UNG expression in wild type (WT) and UNG shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-UNG antibody (Cat#ABG1748, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of UNG expression in HepG2 cells using anti-UNG antibody (Cat#ABG1748, 1:2,000). Green, isotype control; red, UNG.

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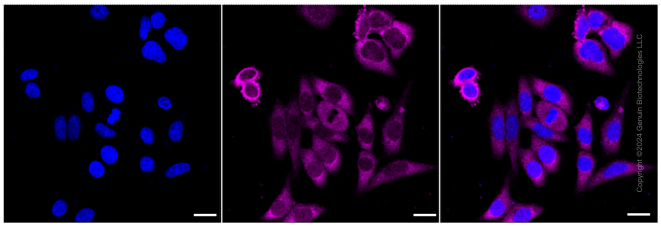

Immunocytochemical staining of HepG2 cells with anti-UNG antibody (Cat#ABG1748, 1:1,000). Nuclei were stained blue with DAPI; UNG was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.