9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-ERCC1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2374

Product Overview

Name	KD-Validated Anti-ERCC1 Rabbit Monoclonal Antibody
Accession(Primary)	P07992
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ERCC1
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 33 kDa ; Observed, 36 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): 1:1,000

Target information (P07992)

Gene Name	ERCC1
About Gene Symbol	ERCC1 (ERCC Excision Repair 1, Endonuclease Non-Catalytic Subunit) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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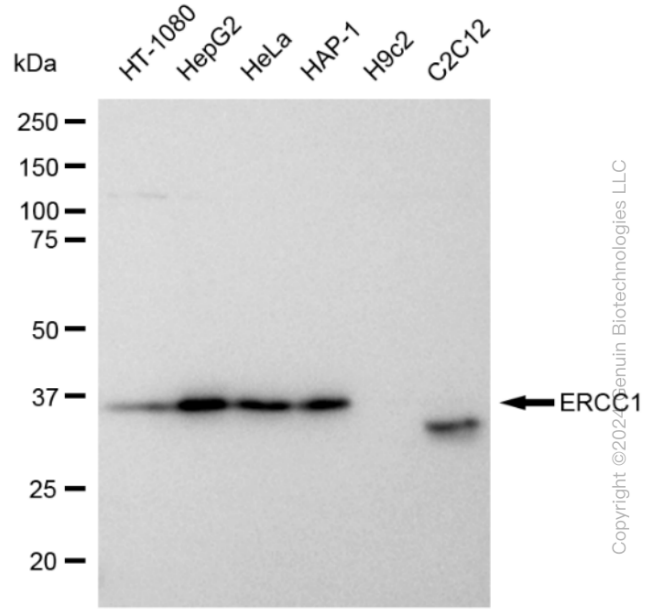

Western blotting analysis using anti-ERCC1 antibody (Cat#ABG2374). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ERCC1antibody (Cat#ABG2374, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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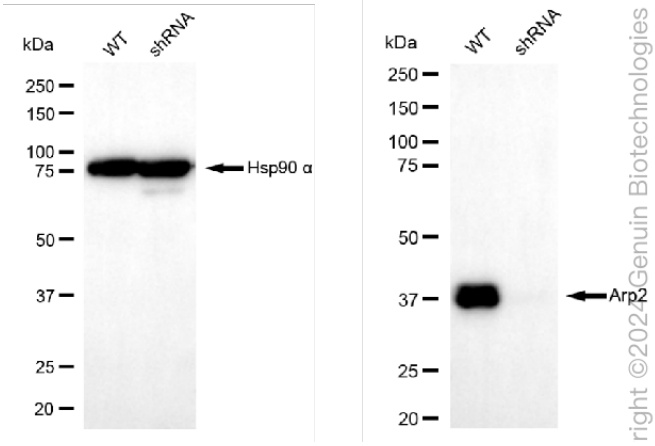

Western blotting analysis using anti-ERCC1 antibody (Cat#ABG2374). ERCC1 expression in wild type (WT) and ERCC1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-ERCC1 antibody (Cat#ABG2374, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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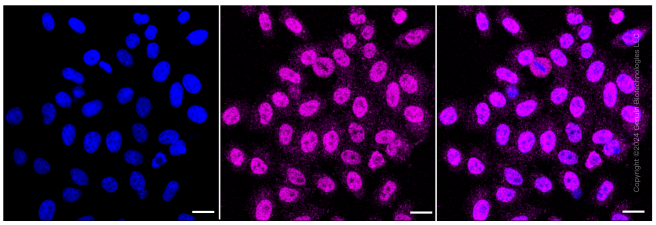

Immunocytochemical staining of HepG2 cells with ERCC1 antibody (Cat#ABG2374, 1:1,000). Nuclei were stained blue with DAPI; ERCC1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.