

# Anti-XRCC2 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 5543**

## Aliases

XRCC2; X-Ray Repair Cross Complementing 2; DNA Repair Protein XRCC2; FANCU; X-Ray Repair Complementing Defective Repair In Chinese Hamster Cells 2; X-Ray Repair Cross-Complementing Protein 2; Epididymis Secretory Sperm Binding Protein; RAD51-Like; SPGF50; POF17

## Background

Gene Name: XRCC2

NCBI Gene Entry: [7516](#)

UniProt Entry: [O43543](#)

## Application Information

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

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB1995

Species Reactivity: Human, mouse

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

## Immunogen

A synthesized peptide derived from human XRCC2

## 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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### SUPPORT

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### ORDERS

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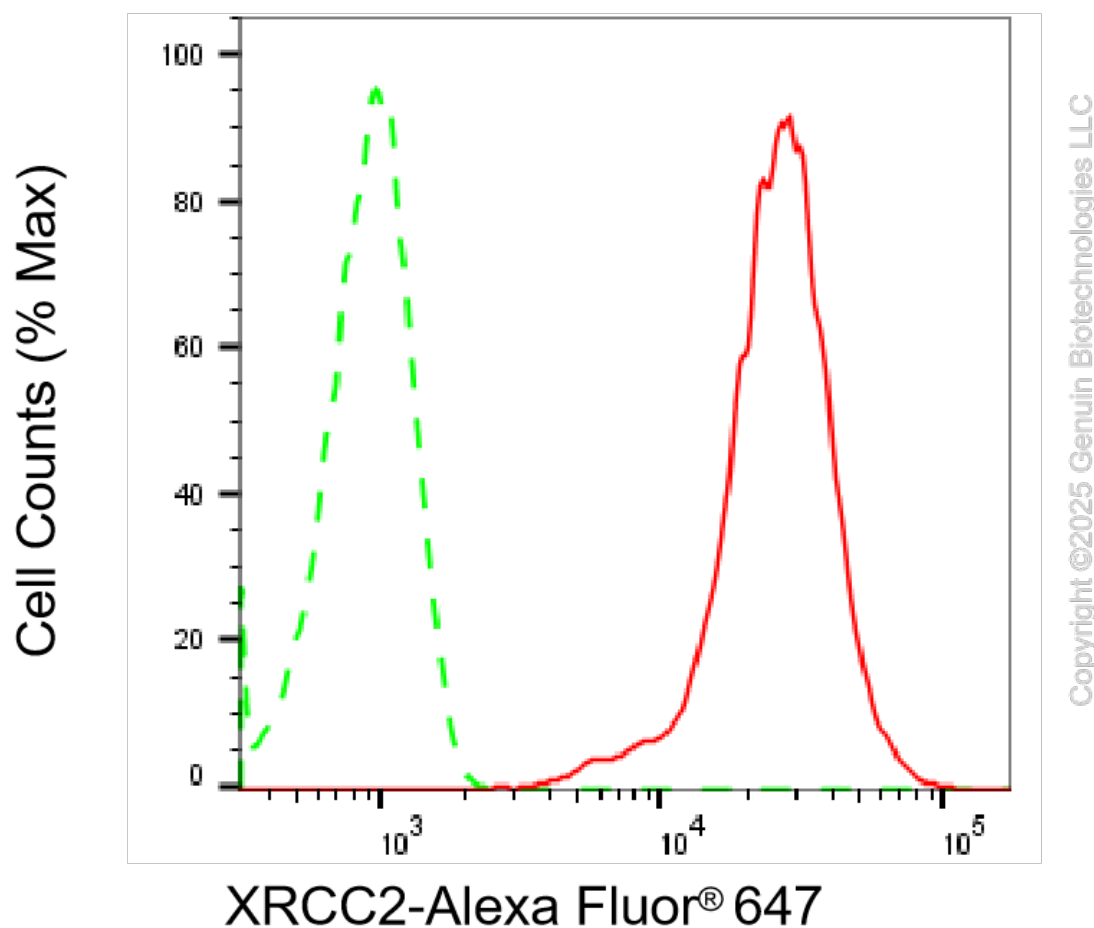
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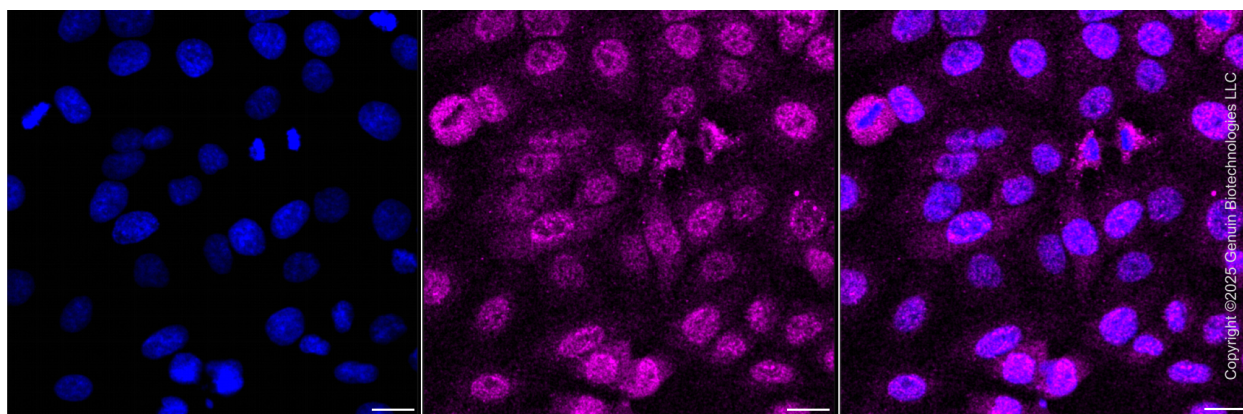
PAGE 2

**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of XRCC2 expression in HepG2 cells using anti-XRCC2 antibody (Cat#5543, 1:2,000). Green, isotype control; red, XRCC2.



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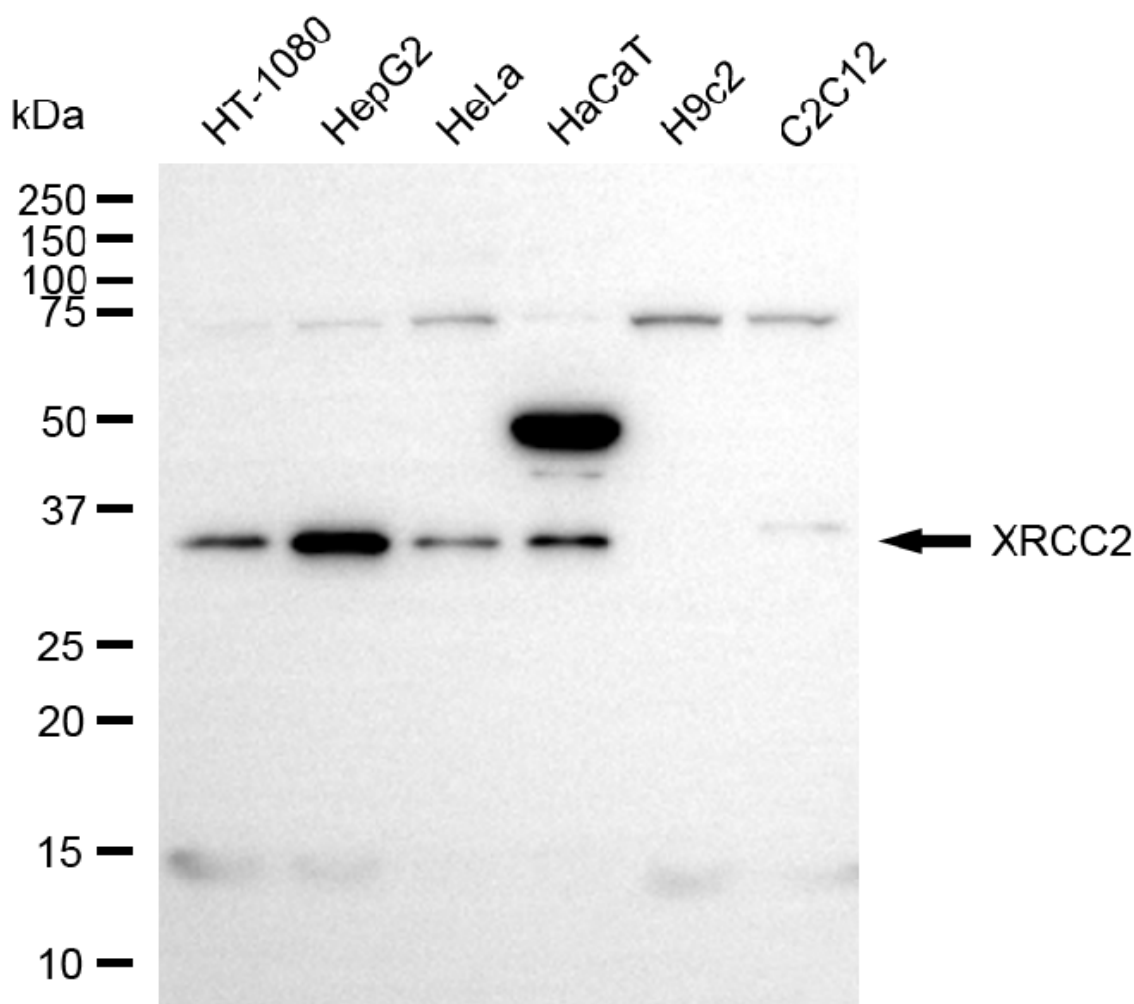
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PAGE 3

Immunocytochemical staining of HepG2 cells with anti-XRCC2 antibody (Cat#5543, 1:1,000) . Nuclei were stained blue with DAPI; XRCC2 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  $\mu$ m.



Western blotting analysis using anti-XRCC2 antibody (Cat#5543). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-XRCC2 antibody (Cat#5543, 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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