

# Anti-Cyclin B1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 5151**

## Aliases

CCNB1; Cyclin B1; CCNB; G2/Mitotic-Specific Cyclin-B1; G2/Mitotic-Specific Cyclin B1

## Background

Gene Name: CCNB1

NCBI Gene Entry: [891](#)

UniProt Entry: [P14635](#)

## Application Information

Molecular Weight: Predicted, 48 kDa; observed, 55 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1760

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human Cyclin B1

## 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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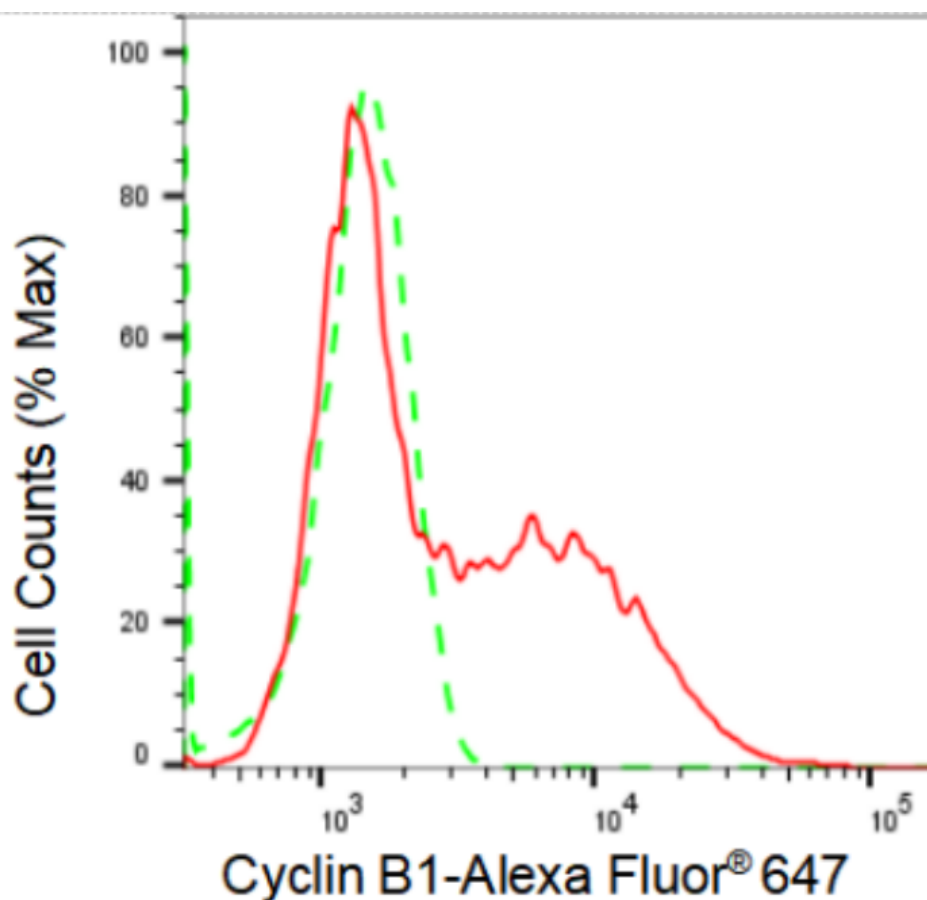
### SUPPORT

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### ORDERS

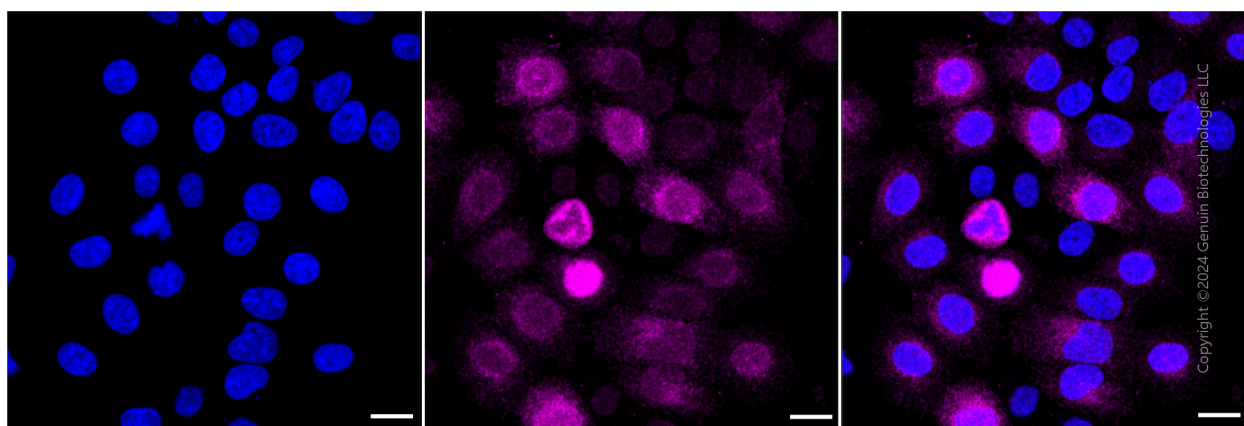
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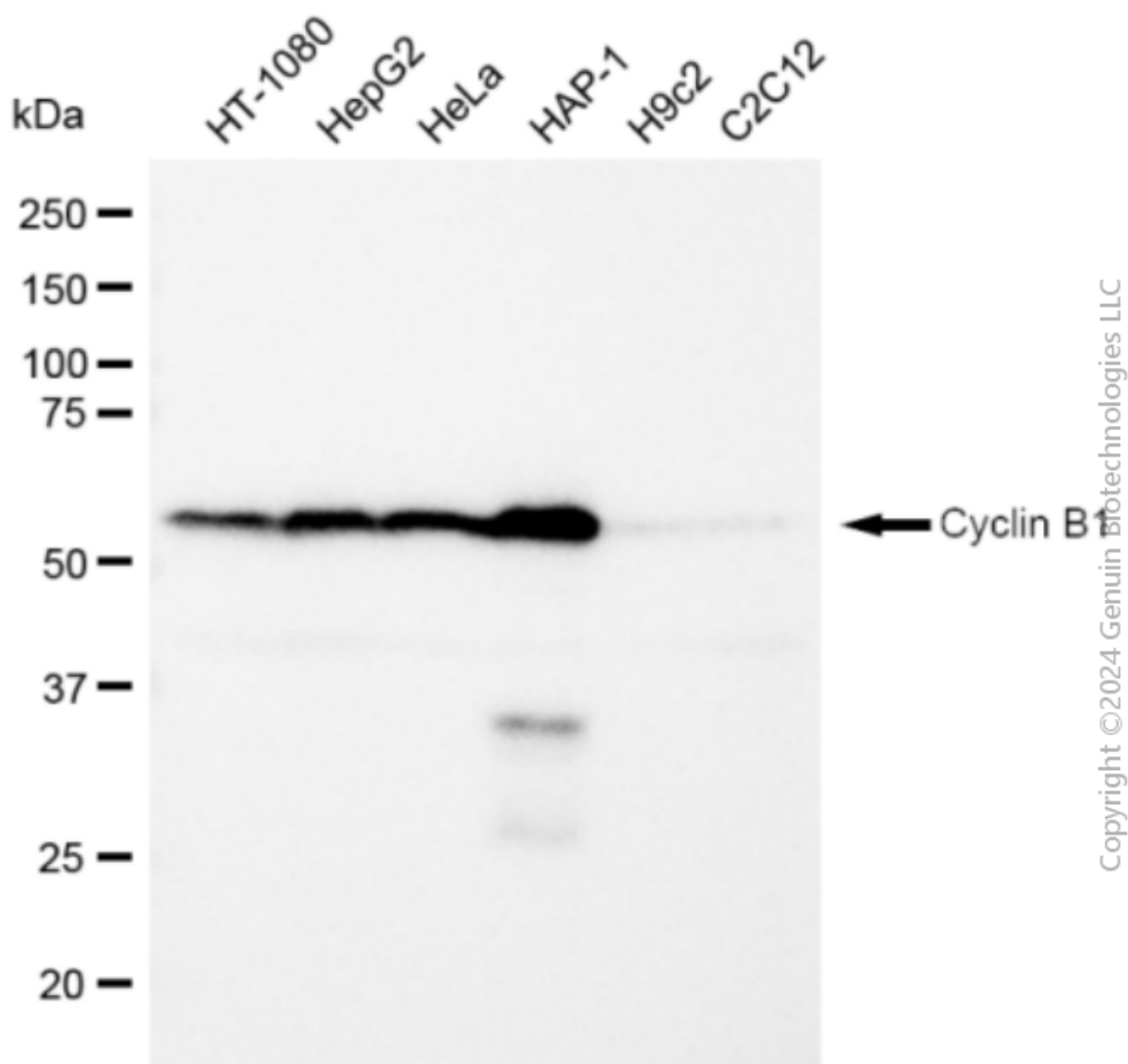
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Flow cytometric analysis of Cyclin B1 expression in HepG2 cells using Cyclin B1 antibody (Cat#5151, 1:2,000). Green, isotype control; red, Cyclin B1.



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Immunocytochemical staining of HepG2 cells with Cyclin B1 antibody (Cat#5151, 1:1,000). Nuclei were stained blue with DAPI; Cyclin B1 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.



Western blotting analysis using anti-Cyclin B1 antibody (Cat#5151). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Cyclin B1 antibody (Cat#5151, 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).