

# Anti-Actin Related Protein 1B Rabbit Monoclonal Antibody



**Catalog #: 3246**

## Aliases

ACTR1B; Actin Related Protein 1B; ARP1B; CTRN2; ARP1 Actin-Related Protein 1 Homolog B, Centractin Beta; ARP1 Actin Related Protein 1 Homolog B; Centractin Beta; Beta-Centractin; ARP1 (Actin-Related Protein 1, Yeast) Homolog B (Centractin Beta); Actin-Related Protein 1B; Arp1B; PC3

## Background

Gene Name: ACTR1B

NCBI Gene Entry: [10120](#)

UniProt Entry: [P42025](#)

## Application Information

Molecular Weight: Predicted, 42 kDa; observed, 42 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4685

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human ACTR1B

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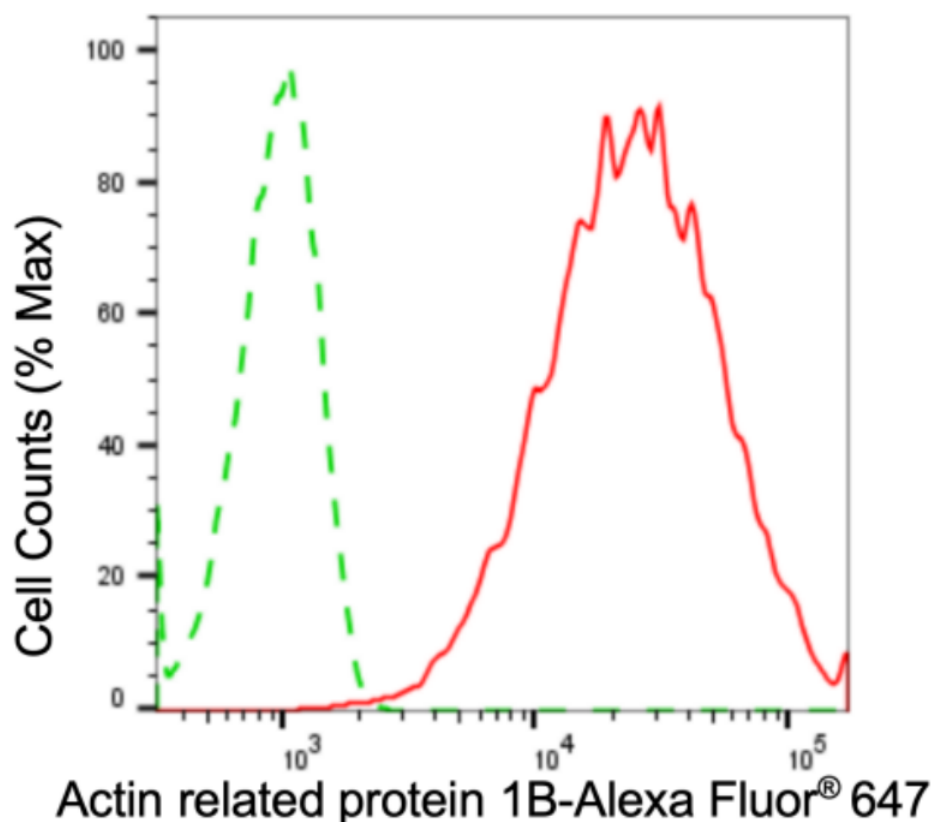
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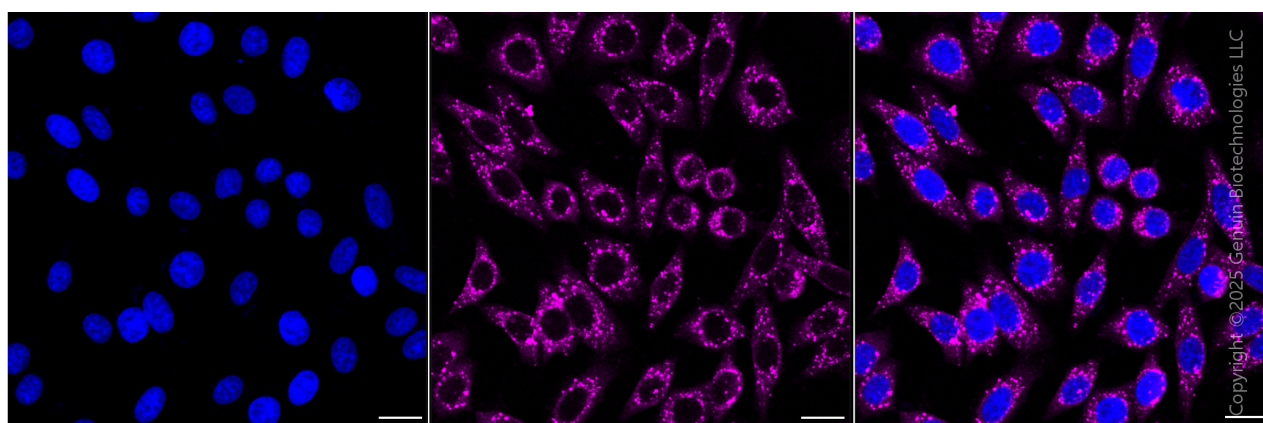
**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of actin related protein 1B expression in HepG2 cells using anti-actin related protein 1B antibody (Cat#3246, 1:2,000). Green, isotype control; red, actin related protein 1B.



Immunocytochemical staining of HepG2 cells with anti-Actin related protein 1B antibody (Cat#3246, 1:1,000). Nuclei were stained blue with DAPI; Actin related protein 1B 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.

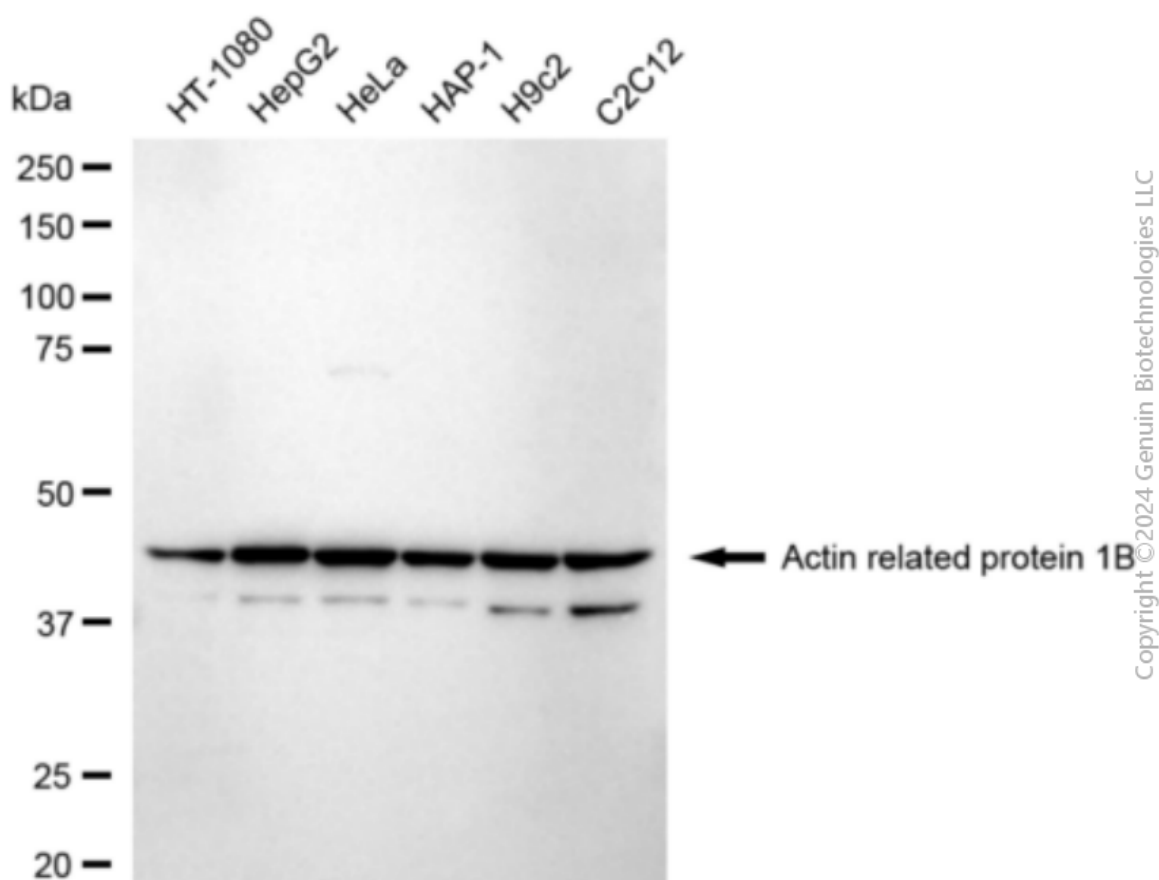
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Western blotting analysis using anti-actin related protein 1B antibody (Cat#3246). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-actin related protein 1B antibody (Cat#3246, 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).