

# Anti-Bromodomain Containing 4 Rabbit Monoclonal Antibody



**Catalog #: 3255**

## Aliases

BRD4; Bromodomain Containing 4; HUNK1; HUNKI; MCAP; CAP; Female Sterile Homeotic Related Gene 4; Mitotic Chromosome-Associated Protein; Bromodomain-Containing Protein 4; Chromosome-Associated Protein; FSHRG4; Bromodomain-Containing 4; Protein HUNK1

## Background

Gene Name: BRD4

NCBI Gene Entry: [23476](#)

UniProt Entry: [O60885](#)

## Application Information

Molecular Weight: Predicted, 152 kDa; observed, 148 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4730

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human Brd4

## 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.

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### SUPPORT

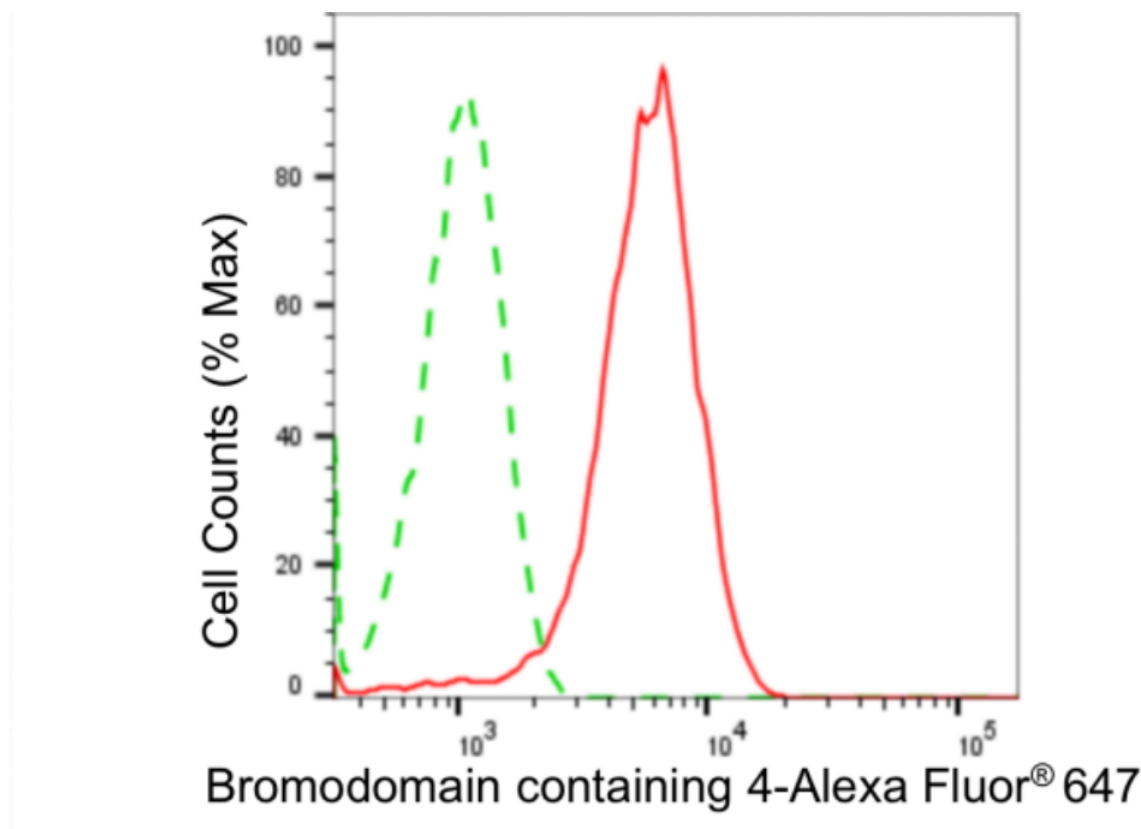
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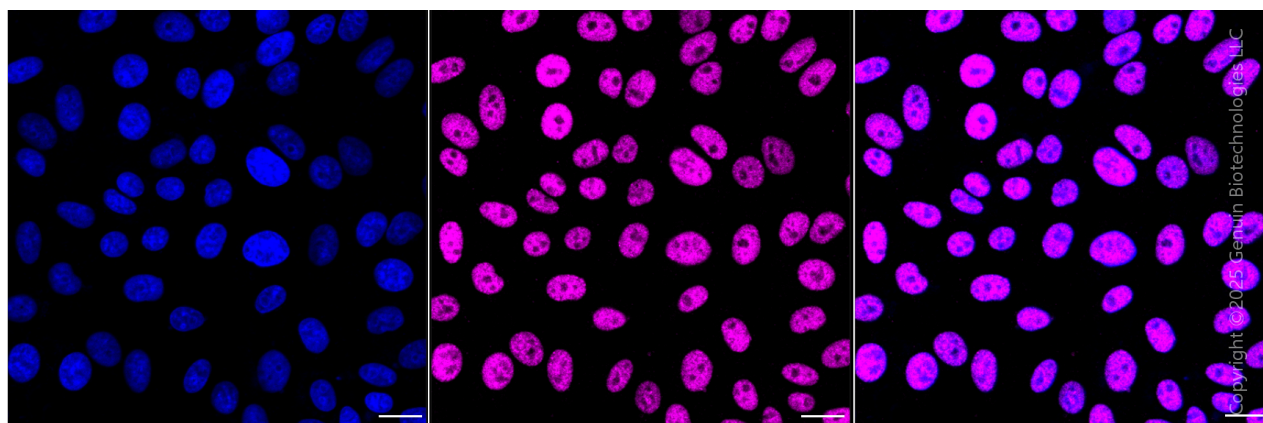
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## Validation Data



Flow cytometric analysis of bromodomain containing 4 expression in HepG2 cells using anti-bromodomain containing 4 antibody (Cat#3255, 1:2,000). Green, isotype control; red, bromodomain containing 4.



Immunocytochemical staining of HepG2 cells with anti-Bromodomain containing 4 antibody (Cat#3255, 1:1,000). Nuclei were stained blue with DAPI; Bromodomain containing 4 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.

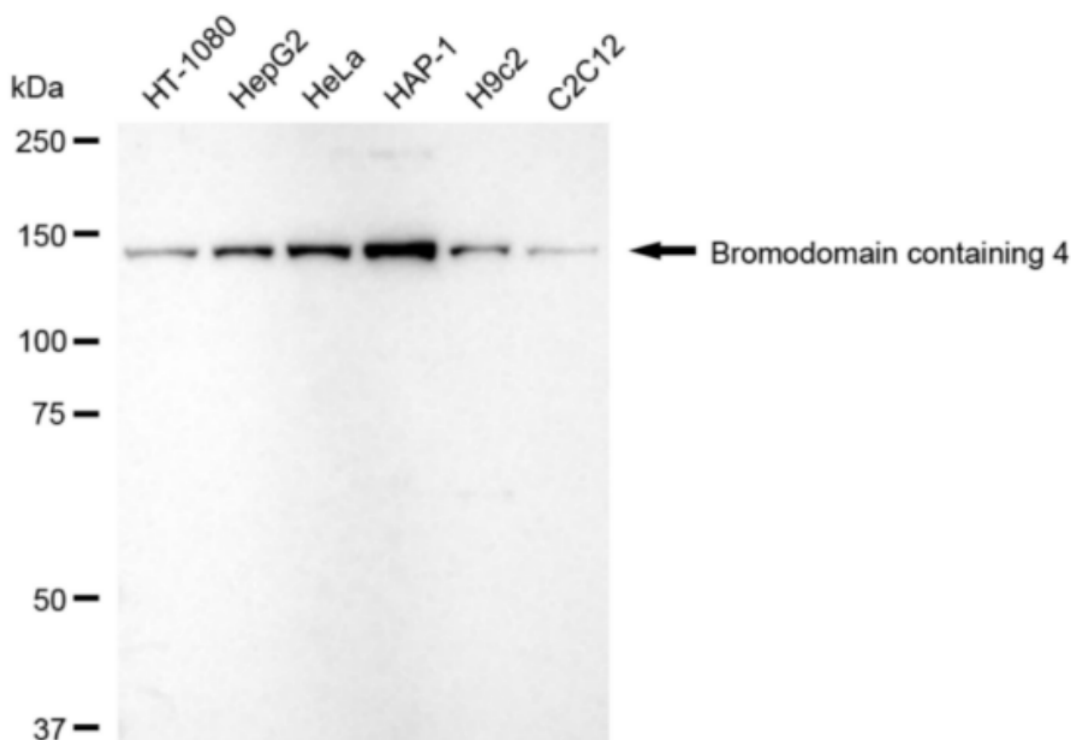
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Western blotting analysis using anti-bromodomain containing 4 antibody (Cat#3255). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-bromodomain containing 4 antibody (Cat#3255, 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).