

# KD-Validated Anti-Chromodomain helicase DNA binding protein 3 Recombinant Rabbit



**Catalog #: 68323**

## Aliases

CHD3; Chromodomain Helicase DNA Binding Protein 3; ZFH; Chromodomain-Helicase-DNA-Binding Protein 3; Mi-2 Autoantigen 240 KDa Protein; ATP-Dependent Helicase CHD3; Zinc Finger Helicase; Mi2-ALPHA; Mi-2a; CHD-3; HZFH; Zinc-Finger Helicase (Snf2-Like); EC 3.6.4.12; MI2-ALPHA; Mi2-Alpha; EC 3.6.1; SNIBCPS; MI-2A

## Background

Gene Name: CHD3

NCBI Gene Entry: [1107](#)

UniProt Entry: [Q12873](#)

## Application Information

Molecular Weight: Predicted, 226 kDa, observed, 260 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1305

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human CHD3

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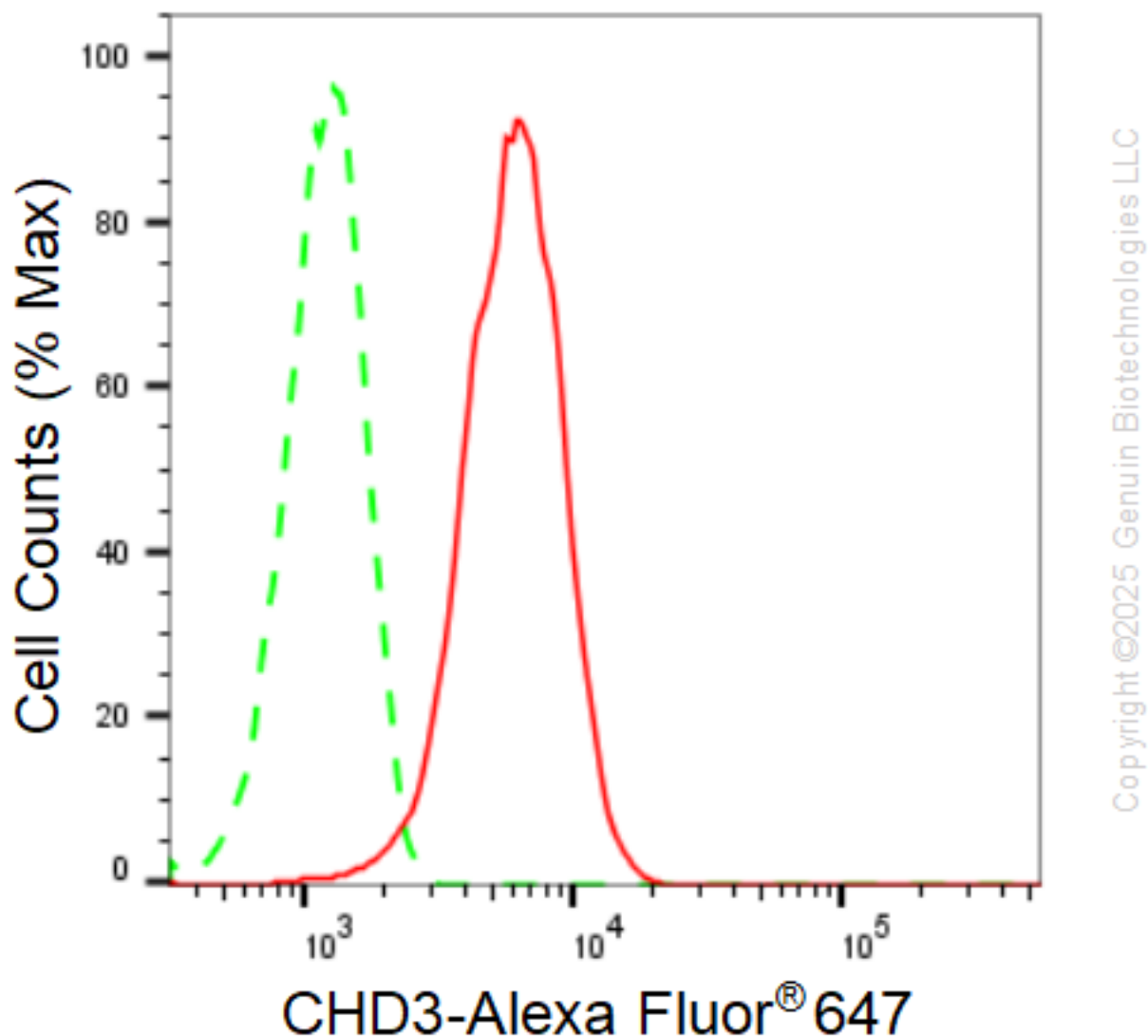
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**Note:** This product is for research use only.

### Validation Data



Flow cytometric analysis of CHD3 expression in HepG2 cells using anti-CHD3 antibody (Cat#68323, 1:2,000). Green, isotype control; red, CHD3.

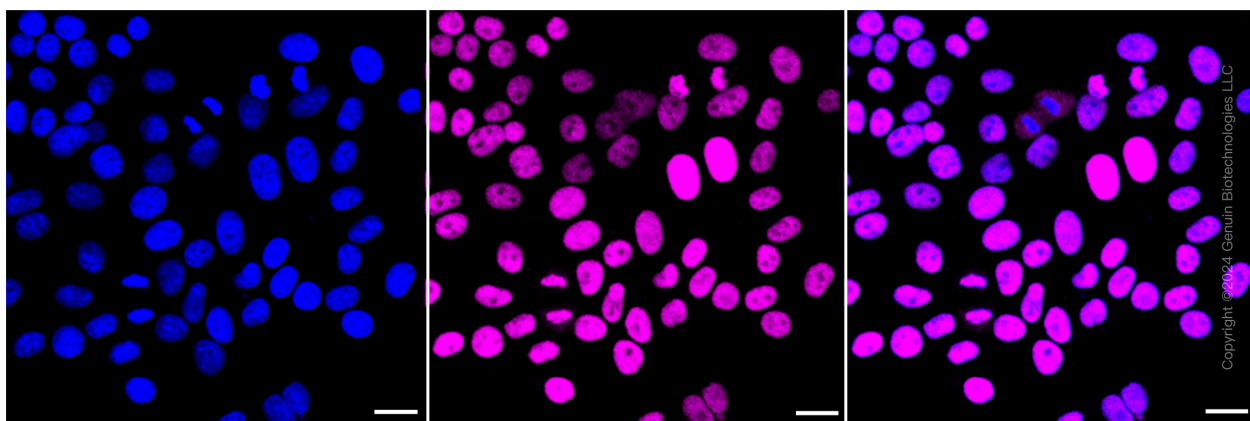
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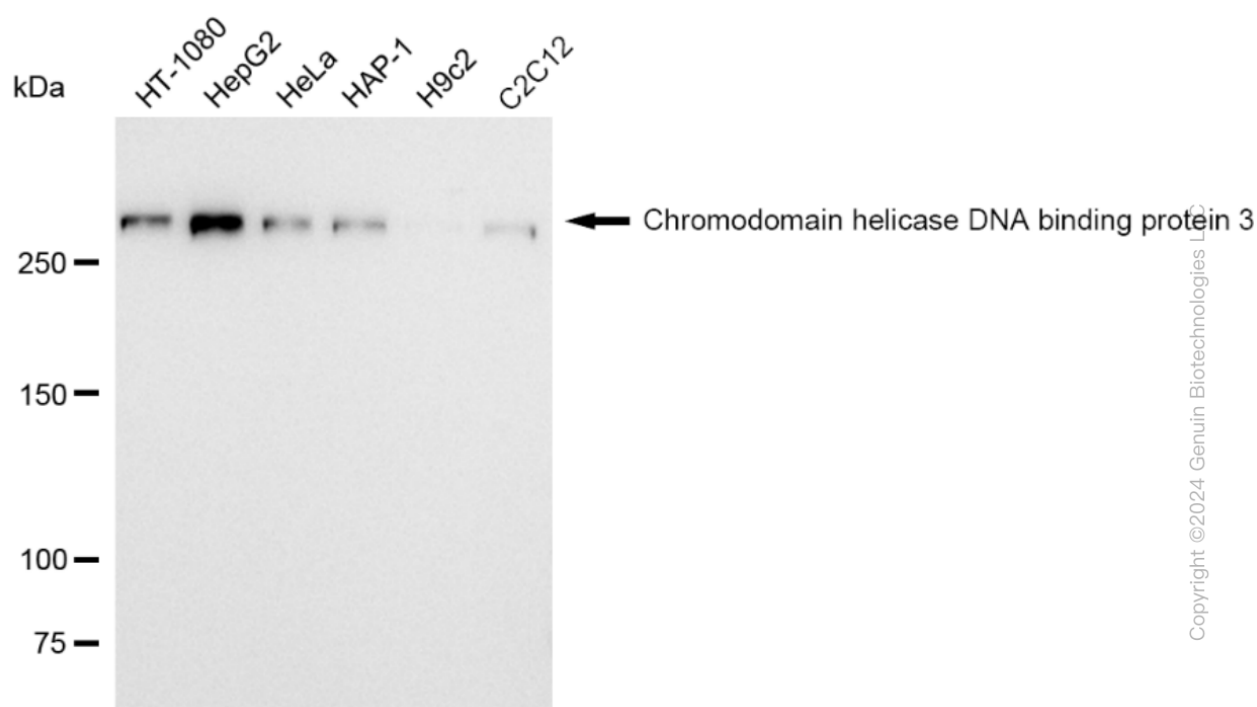
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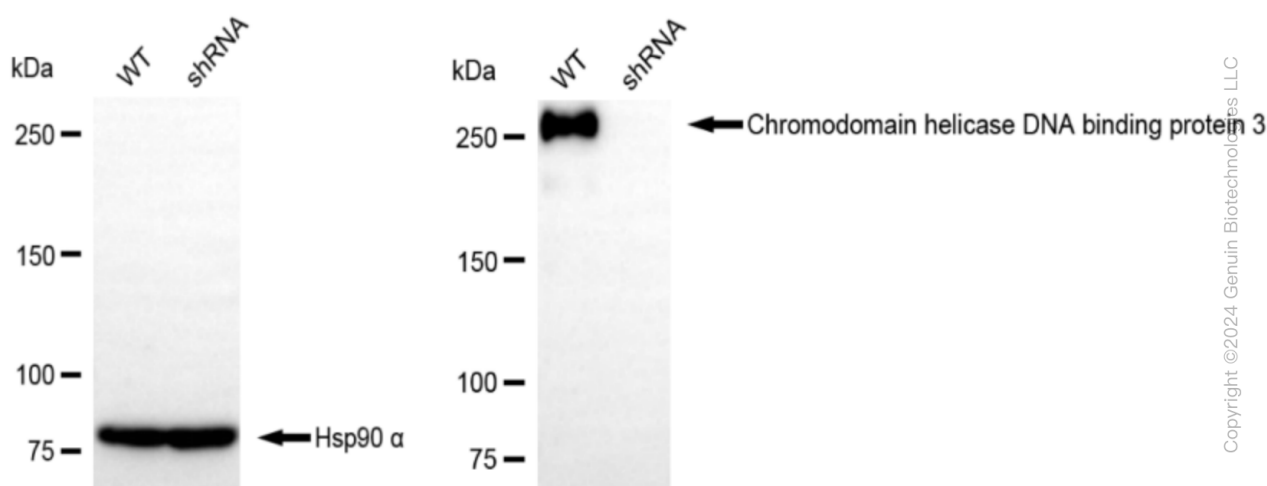
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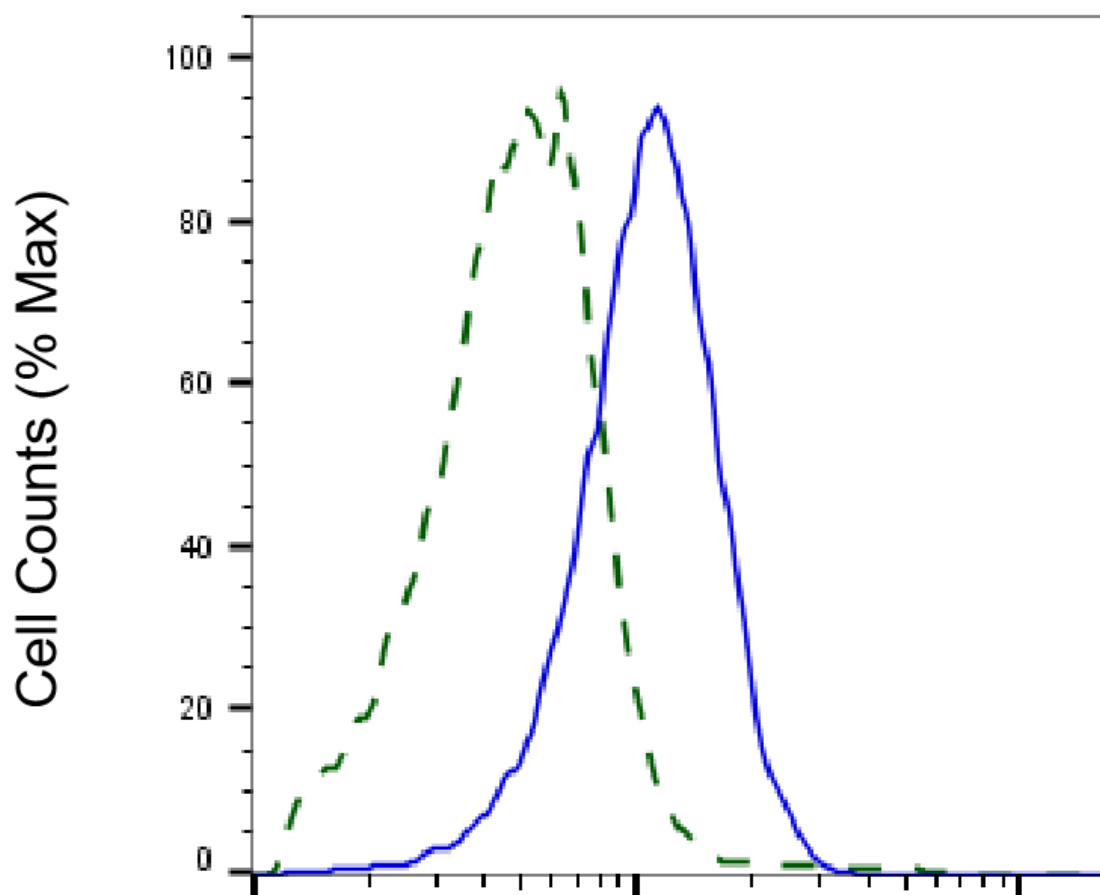
Immunocytochemical staining of HepG2 cells with Chromodomain helicase DNA binding protein 3 antibody (Cat#68323, 1:1,000). Nuclei were stained blue with DAPI; Chromodomain helicase DNA binding protein 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-Chromodomain helicase DNA binding protein 3 antibody (Cat#68323). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Chromodomain helicase DNA binding protein 3 antibody (Cat#68323, 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).



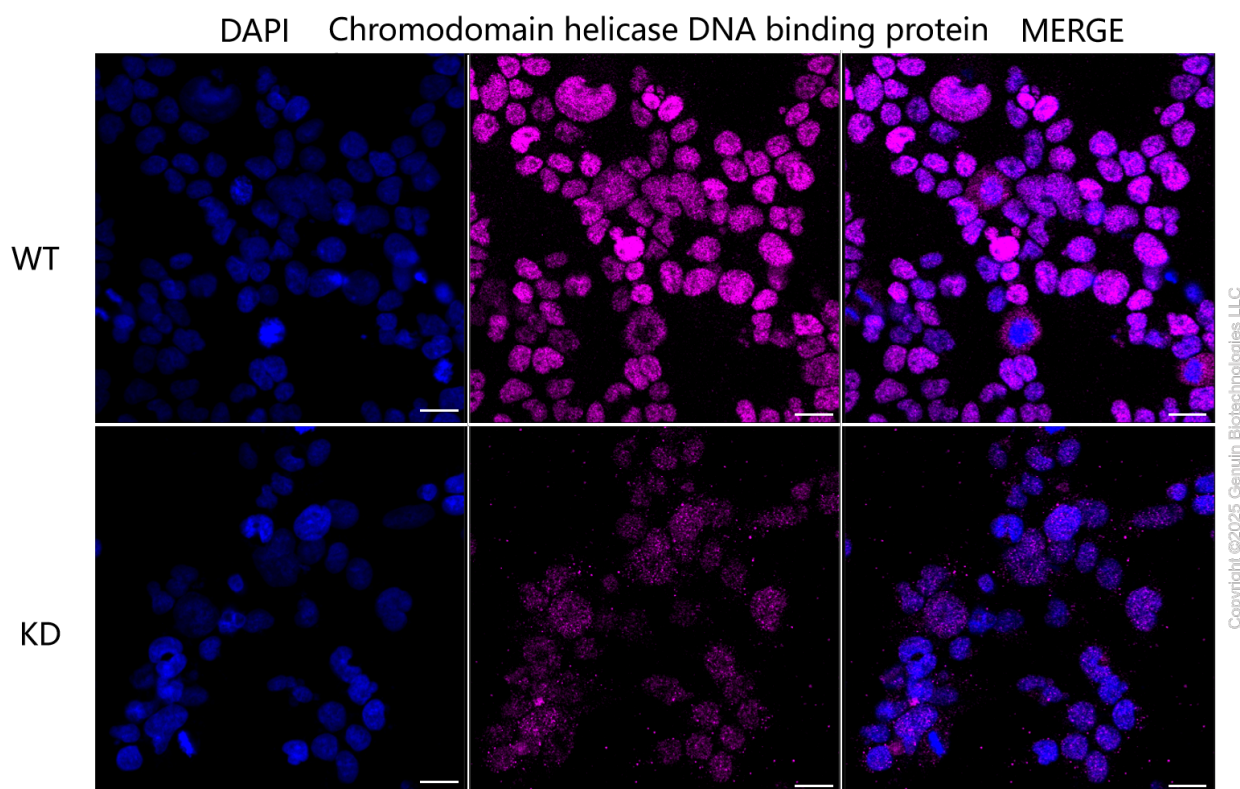
Western blotting analysis using anti-Chromodomain helicase DNA binding protein 3 antibody (Cat#68323). Chromodomain helicase DNA binding protein 3 expression in wild type (WT) and chromodomain helicase DNA binding protein 3 shRNA knockdown (KD) HeLa cells with 30  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-Chromodomain helicase DNA binding protein 3 antibody (Cat#68323, 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).



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## Chromodomain helicase DNA binding protein 3-Alexa Fluor® 647

Validation of Chromodomain helicase DNA binding protein 3 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-Chromodomain helicase DNA binding protein 3 antibody (Cat#68323, 1:2,000) and analyzed using BD flow cytometer.



Immunocytochemical staining of HeLa cells using anti-Chromodomain helicase DNA binding protein 3 antibody (Cat#68323, 1:1,000), Top panel: wild-type (WT); Bottom panel: Chromodomain helicase DNA binding protein 3 shRNA knockdown (KD). Nuclei were stained blue with DAPI; was stained magenta with Alexa Fluor® 647. Scale bar, 20  $\mu$ m. Permeabilization: Triton.