

# KD-Validated Anti-Chromodomain helicase DNA binding 4 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

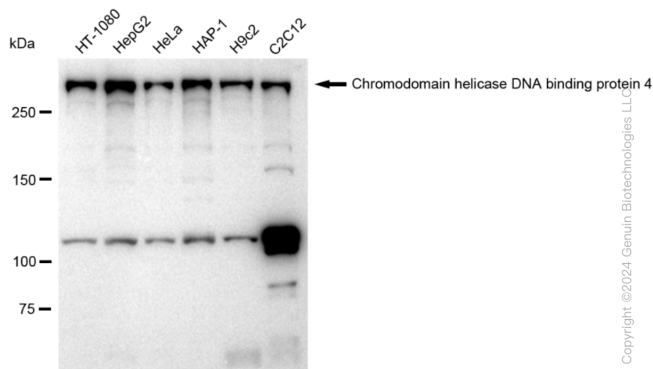
ABG1145

## Product Overview

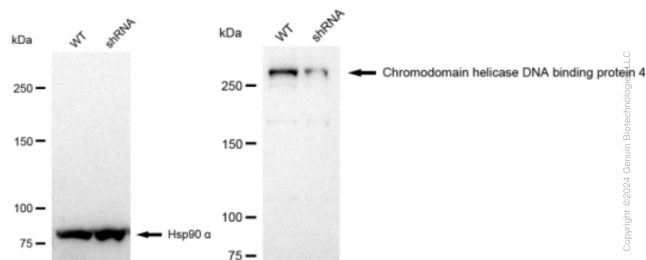
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|-----------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Chromodomain helicase DNA binding 4 Rabbit Monoclonal Antibody                       |
| <b>Accession(Primary)</b>   | Q14839                                                                                                 |
| <b>Host Species</b>         | Rabbit                                                                                                 |
| <b>Clonality</b>            | Monoclonal                                                                                             |
| <b>Isotype</b>              | Rabbit IgG                                                                                             |
| <b>Immunogen</b>            | A synthesized peptide derived from human CHD4                                                          |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                                                      |
| <b>Calculated MW</b>        | Predicted, 218 kDa , observed, 260 kDa                                                                 |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.                              |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000 |

## Target information (Q14839)

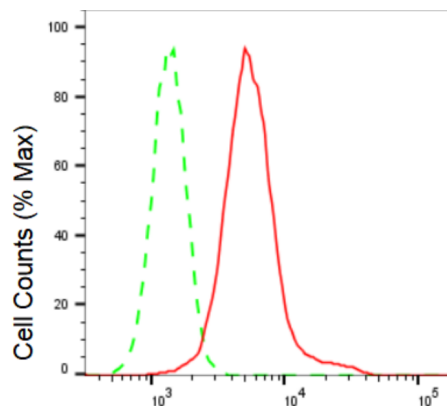
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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | CHD4                                                                                                                                                                                                                                                                                                                           |
| <b>About Gene Symbol</b> | CHD4 (Chromodomain Helicase DNA Binding Protein 4) is an epigenetic and nuclear regulatory protein involved in adaptive immunity. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



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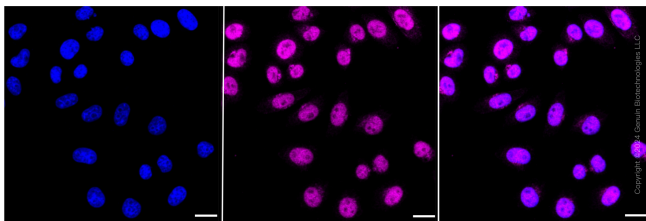
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Chromodomain helicase DNA binding protein 4-  
Alexa Fluor® 647

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Flow cytometric analysis of Chromodomain helicase DNA binding protein 4 expression in HepG2 cells using Chromodomain helicase DNA binding protein 4 antibody (Cat#ABG1145, 1:2,000). Green, isotype control; red, Chromodomain helicase DNA binding protein 4.



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Immunocytochemical staining of HepG2 cells with Chromodomain helicase DNA binding protein 4 antibody (Cat#ABG1145, 1:1,000). Nuclei were stained blue with DAPI; Chromodomain helicase DNA binding protein 4 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.