

# KD-Validated Anti-Cyclin dependent kinase 2 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

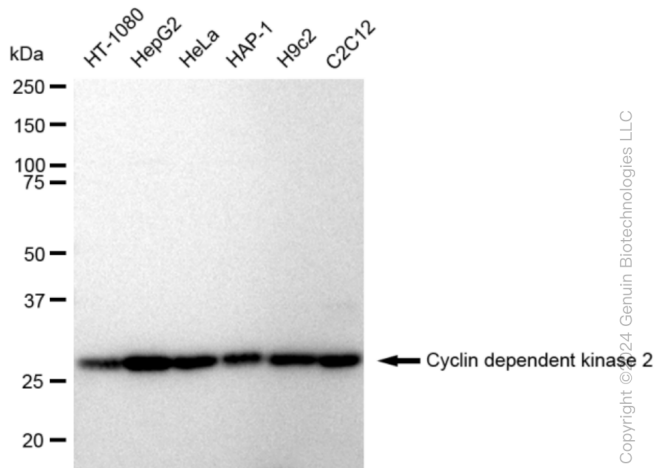
ABG1095

## Product Overview

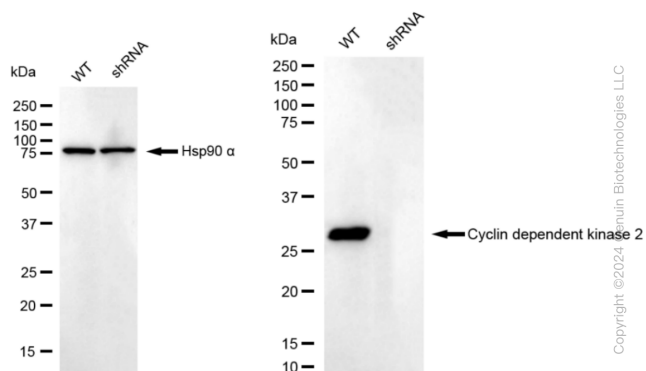
|                             |                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Cyclin dependent kinase 2<br>Rabbit Monoclonal Antibody                                    |
| <b>Accession(Primary)</b>   | P24941                                                                                                       |
| <b>Host Species</b>         | Rabbit                                                                                                       |
| <b>Clonality</b>            | Monoclonal                                                                                                   |
| <b>Isotype</b>              | Rabbit IgG                                                                                                   |
| <b>Immunogen</b>            | A synthesized peptide derived from human CDK2                                                                |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                                                            |
| <b>Calculated MW</b>        | Predicted, 34 kDa , observed, 34 kDa                                                                         |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol,<br>and 0.02% sodium azide.                                 |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:1,000-1:5,000 Flow<br>Cytometry (FCM): 1:2,000 Immunocytochemistry<br>(IC): 1:1,000 |

## Target information (P24941)

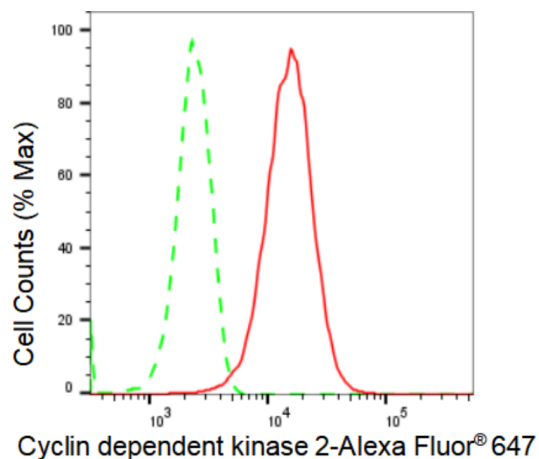
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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | CDK2                                                                                                                                                                                                                                                                                                   |
| <b>About Gene Symbol</b> | CDK2 (Cyclin Dependent Kinase 2) is a protein kinase and signaling regulator involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



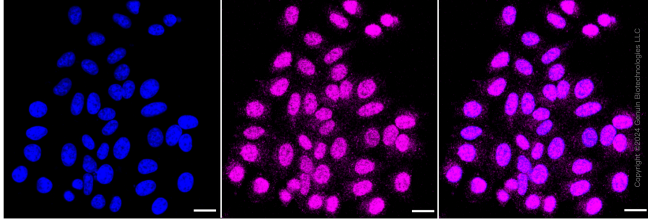
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Immunocytochemical staining of HepG2 cells with Cyclin dependent kinase 2 antibody (Cat#ABG1095, 1:1,000). Nuclei were stained blue with DAPI; Cyclin dependent kinase 2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.