9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Cyclin Dependent Kinase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1807

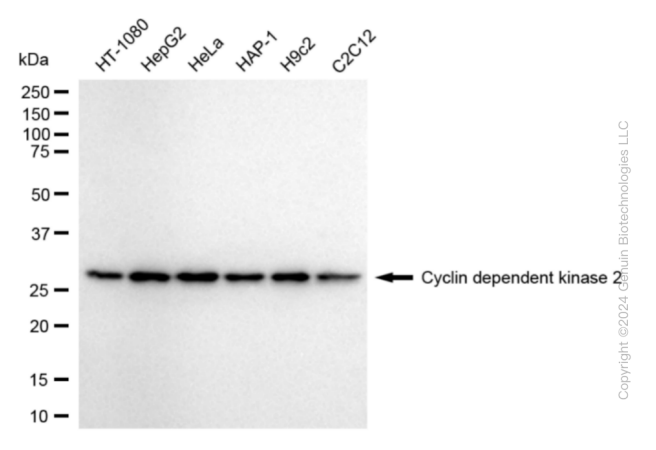
Product Overview

Name	KD-Validated Anti-Cyclin Dependent Kinase 2 Rabbit Monoclonal Antibody
Accession(Primary)	P24941
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Cdk2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 34 kDa, observed, 34 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

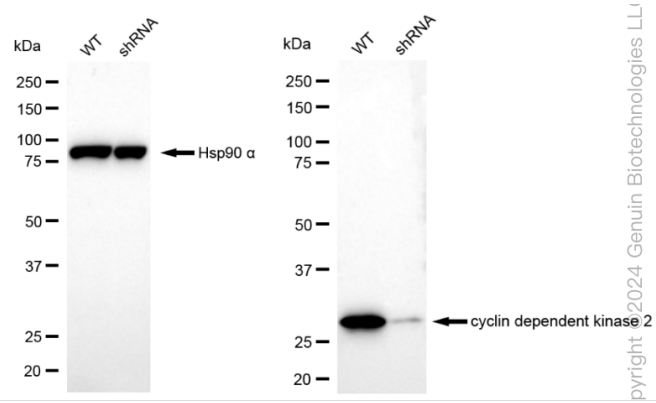
Target information (P24941)

Gene Name	CDK2
About Gene Symbol	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.

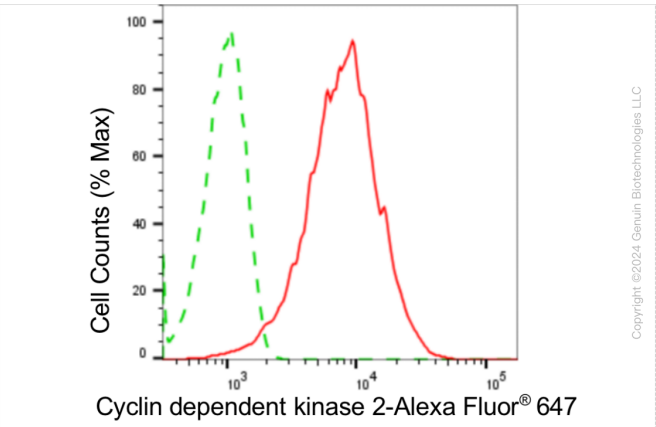
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Western blotting analysis using anti-cyclin dependent kinase 2 antibody (Cat#ABG1807). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cyclin dependent kinase 2 antibody (Cat#ABG1807, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-cyclin dependent kinase 2 antibody (Cat#ABG1807). Cyclin dependent kinase 2 expression in wild type (WT) and cyclin dependent kinase 2 (CDK2) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-cyclin dependent kinase 2 antibody (Cat#ABG1807, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of cyclin dependent kinase 2 expression in HepG2 cells using anti-cyclin dependent kinase 2 antibody (Cat#ABG1807, 1:2,000). Green, isotype control; red, cyclin dependent kinase 2.