

KO Validated Anti-Cyclin Dependent Kinase 6 Rabbit Monoclonal Antibody

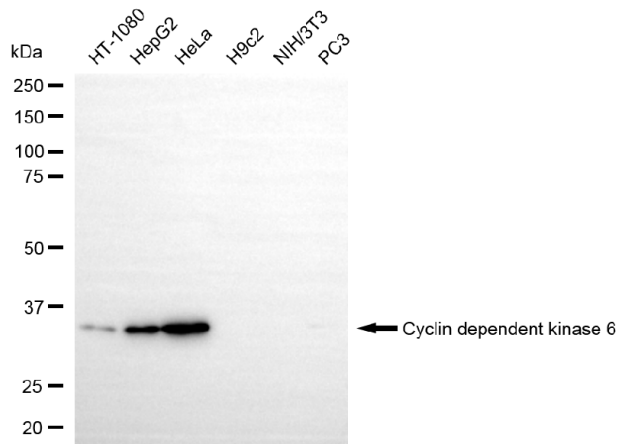
ABG2409

Product Overview

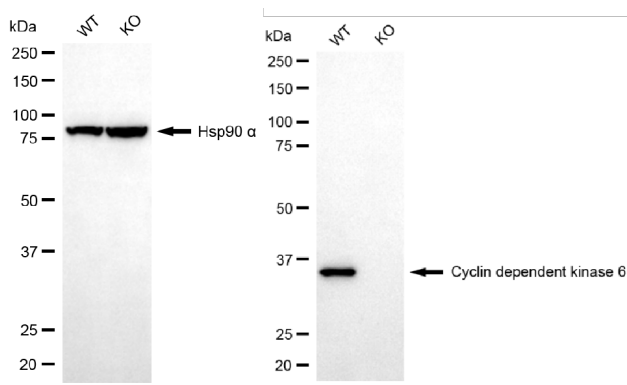
Name	KO Validated Anti-Cyclin Dependent Kinase 6 Rabbit Monoclonal Antibody
Accession(Primary)	Q00534
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CDK6
Species Reactivity	Human
Calculated MW	Predicted, 37 kDa, observed, 35 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:4,000-1:20,000 Flow Cytometry (FCM): 1:2,000

Target information (Q00534)

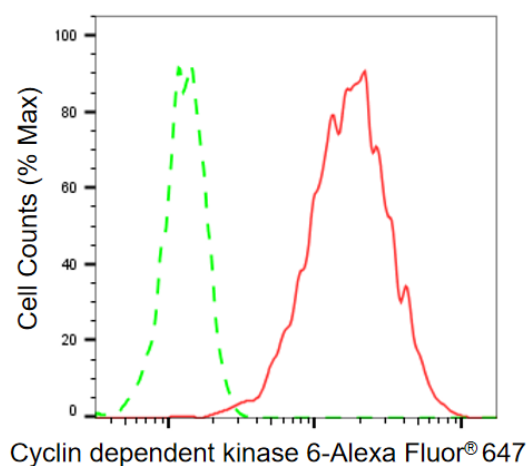
Gene Name	CDK6
About Gene Symbol	CDK6 (Cyclin Dependent Kinase 6) is a serine/threonine protein kinase involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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Western blotting analysis using anti-Cyclin dependent kinase 6 antibody (Cat#ABG2409). 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 6 antibody (Cat#ABG2409, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-cyclin dependent kinase 6 antibody (Cat#ABG2409). Cyclin dependent kinase 6 expression in wild-type (WT) and cyclin dependent kinase 6 (CDK6) knockout (KO) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cyclin dependent kinase 6 antibody (Cat#ABG2409, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Flow cytometric analysis of Cyclin dependent kinase 6 expression in HAP-1 cells using anti-Cyclin dependent kinase 6 antibody (Cat# ABG2409, 1:2,000). Green, isotype control; red, Cyclin dependent kinase 6.