

Anti-Cyclin Dependent Kinase 6 Recombinant Rabbit Monoclonal Antibody



Catalog #: 2948

Aliases

CDK6; Cyclin Dependent Kinase 6; PLSTIRE; Serine/Threonine-Protein Kinase PLSTIRE; Cell Division Protein Kinase 6; Cyclin-Dependent Kinase 6; EC 2.7.11.22; EC 2.7.11; MCPH12; CDKN6

Background

Gene Name: CDK6

NCBI Gene Entry: [1021](#)

UniProt Entry: [Q00534](#)

Application Information

Molecular Weight: Predicted, 37 kDa; observed, 36 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3310

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human CDK6

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): 1:4,000-1:20,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

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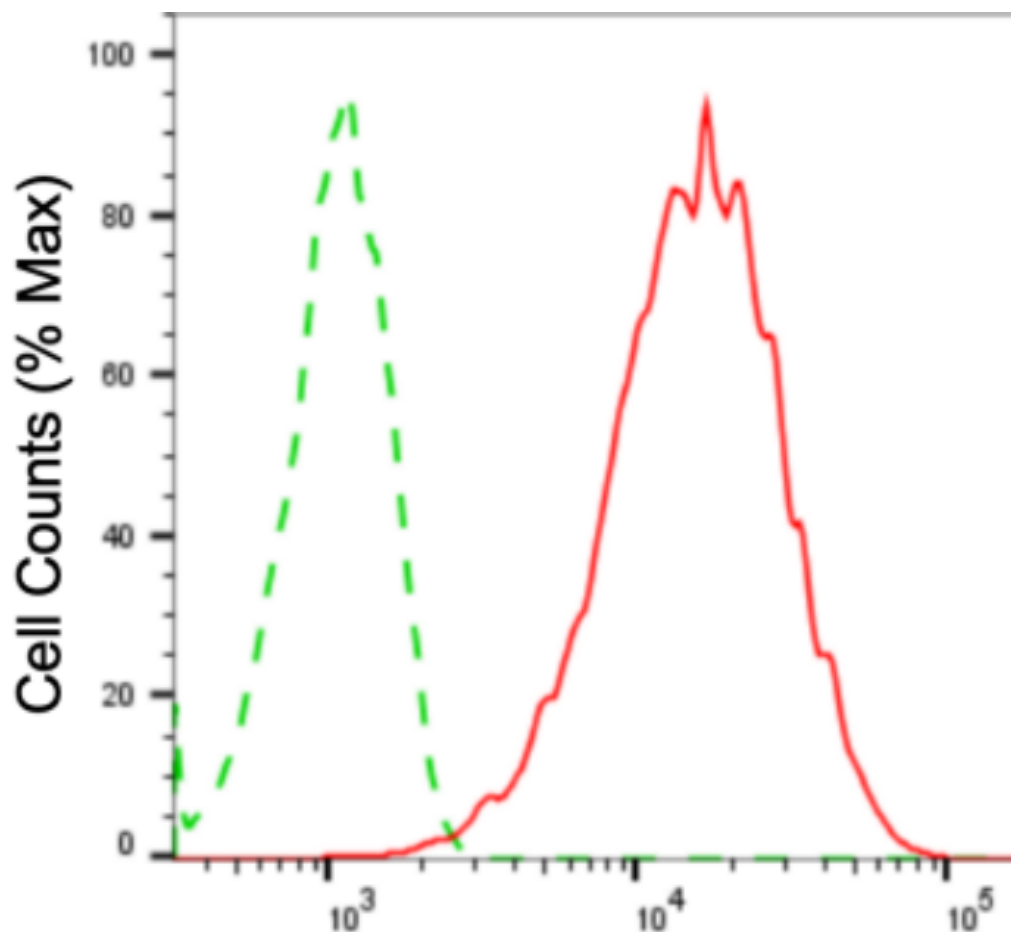
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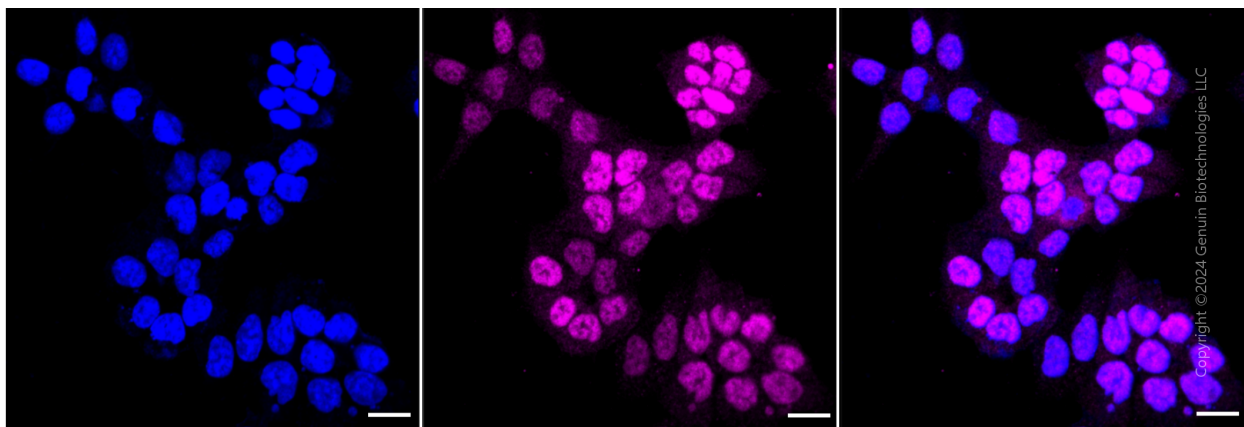
Validation Data



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Cyclin dependent kinase 6-Alexa Fluor® 647

Flow cytometric analysis of cyclin dependent kinase 6 expression in HAP-1 cells using anti-cyclin dependent kinase 6 antibody (Cat#2948, 1:2,000). Green, isotype control; red, cyclin dependent kinase 6.



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Immunocytochemical staining of HAP-1 with anti-cyclin dependent kinase 6 antibody (Cat#2948,

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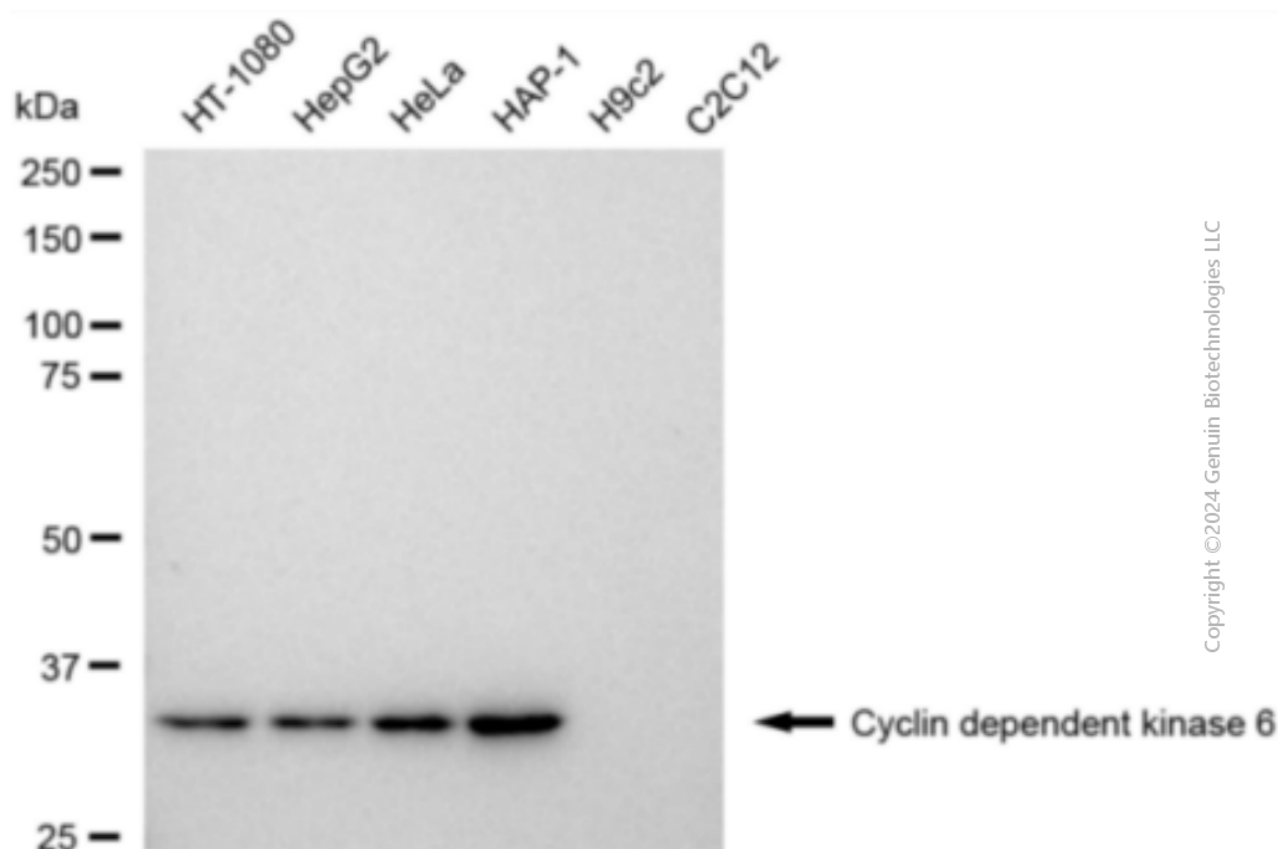
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1:1,000). Nuclei were stained blue with DAPI; Cyclin dependent kinase 6 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-Cyclin dependent kinase 6 antibody (Cat#2948). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Cyclin dependent kinase 6 antibody (Cat#2948, 1:20,000) 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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