

Product Datasheet

CDK4 Antibody (C-term) (orb1929188)

Catalog Number	orb1929188
Category	Antibodies
Description	CDK4 Antibody (C-term)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
UniProt ID	P11802
MW	33730 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:100-500, FC - 1:10-50
Specificity	This CDK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 273-305 amino acids from the C-terminal region of human CDK4.
Antibody Type	Primary Antibody

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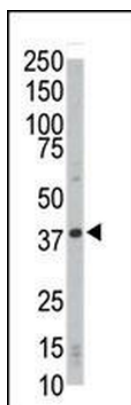
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Storage

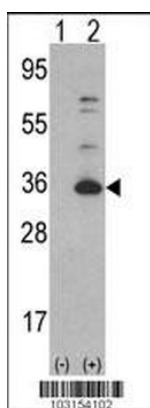
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

Note

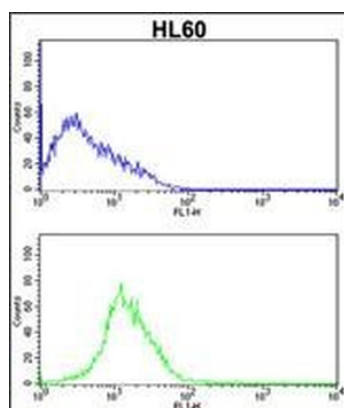
For research use only



Western blot analysis of anti-CDK4 Pab in HL-60 cell lysate. CDK4 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Western blot analysis of CDK4 (arrow) using rabbit polyclonal CDK4 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDK4 gene (Lane 2).



CDK4 Antibody (C-term) flow cytometric analysis of HL60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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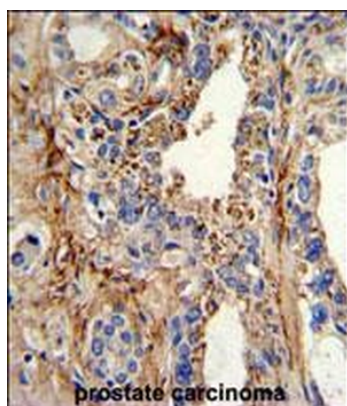
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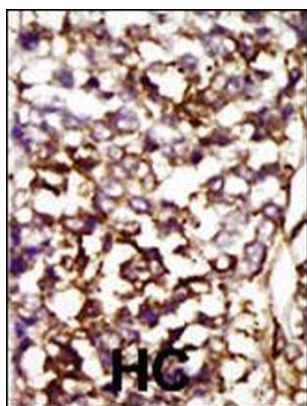
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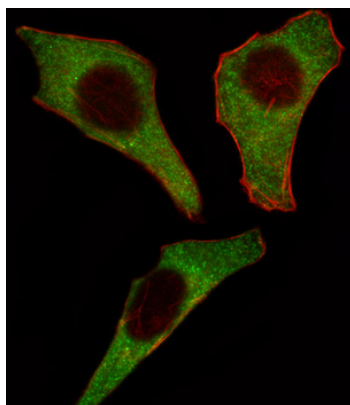
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Formalin-fixed and paraffin-embedded human prostate carcinoma with CDK4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



Fluorescent image of Hela cell stained with CDK4 Antibody (C-term). Hela cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CDK4 primary antibody (1: 25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). CDK4 immunoreactivity is localized to Cytoplasm significantly.

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