CDK4 polyclonal antibody

This antibody is covered by our Worry-Free Guarantee.

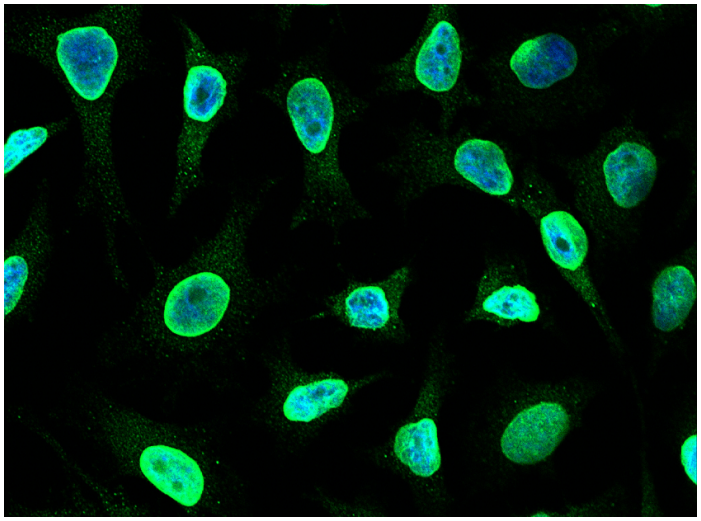
Ordering Information

Order Online »

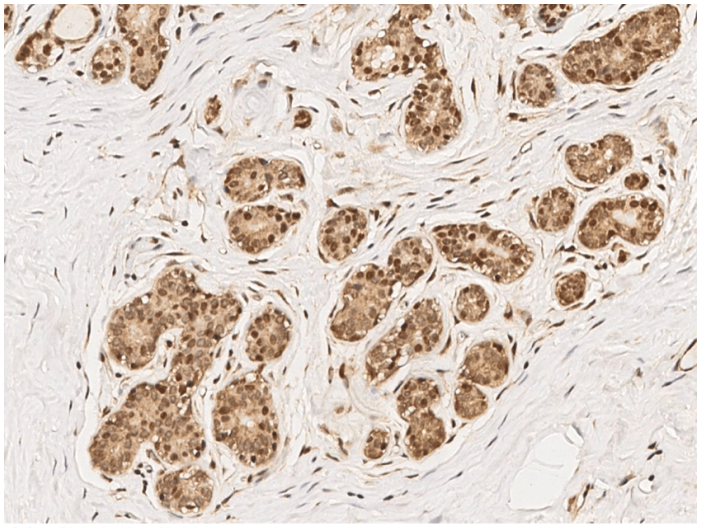
ENZ-ABS960-0100	100µl

Manuals, SDS & CofA

View Online »

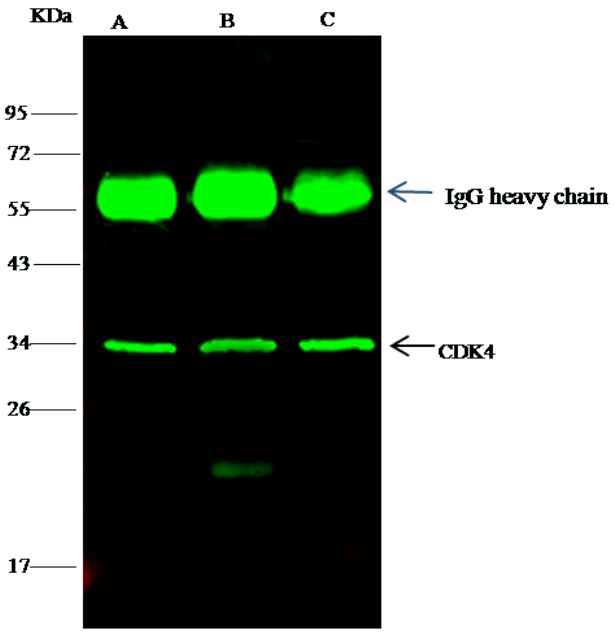


Immunofluorescence staining of CDK4 in HeLa cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-human CDK4 polyclonal antibody (1:1000) at 4 overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm and nucleus.

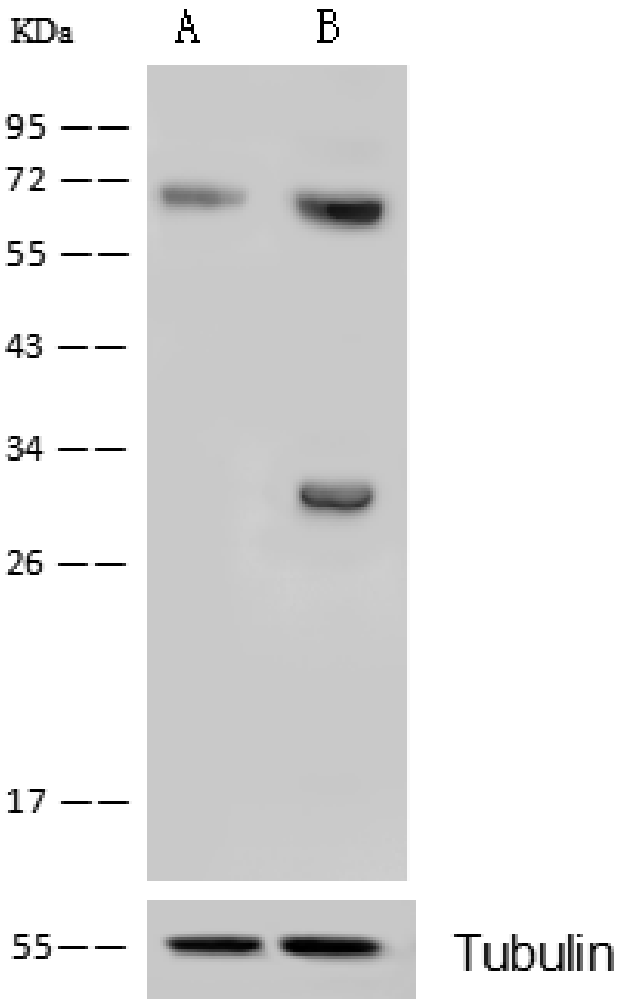


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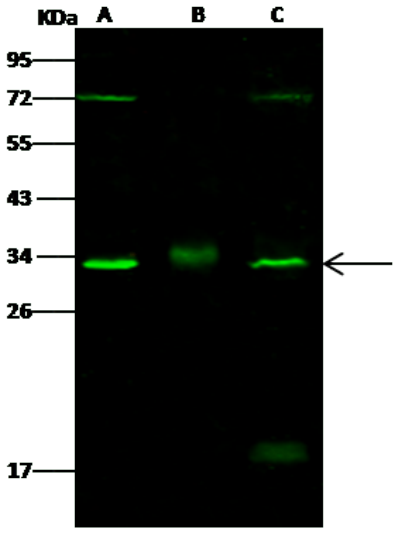
Immunochemical staining of human CDK4 in human breast carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



CDK4 was immunoprecipitated using: Lane A:0.5 mg HepG2 Whole Cell Lysate Lane B:0.5 mg k562 Whole Cell Lysate Lane C:0.5 mg Hela Whole Cell Lysate, 2 µL anti-CDK4 rabbit polyclonal antibody and 15 µl of 50 % Protein G agarose. Primary antibody: Anti-CDK4 rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the odssey technique. Performed under reducing conditions. Observed band size: 34 kDa



Anti-CDK4 rabbit polyclonal antibody at 1:500 dilution. Lane A: CDK4 knockout Hela Whole Cell Lysate. Lane B: Hela Whole Cell Lysate. Lysates/proteins at 10 µg per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Observed band size:33 kDa.



Anti-CDK4 rabbit polyclonal antibody at 1:500 dilution Lane A: Hela Whole Cell Lysate Lane B: MCF7 Whole Cell Lysate Lane C: K562 Whole Cell Lysate: Lysates/proteins at 30 µg per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Observed band size:33 kDa.

Handling & Storage

Handling	Protected from light. Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Cyclin-dependent kinase 4
Application	ELISA, ICC, IF, IHC (PS), IP, WB
Formulation	Liquid. 0.2 µm filtered solution in PBS. Preservative free.
Host	Rabbit
Immunogen	Recombinant human CDK4 protein.
Isotype	IgG
Purity Detail	Protein A and antigen affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:500-1:1’000)ELISA (1:5’000-1:10’000)Immunohistochemistry (paraffin sections) (1:500-1:2’000)Immunocytochemistry (1:300-1:10’000)Immunofluorescence (1:300-1:10’000)Immunoprecipitation (1-4µl/mg of lysate)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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