

CDK4 antibody

Cat No. GTX102993

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Reference (17)
 Package
 100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 34 kDa. ([Note](#))

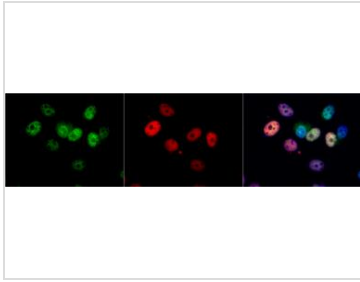
PROPERTIES

Form	Liquid
Buffer	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.86 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human CDK4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

**GTX102993 ICC/IF Image**

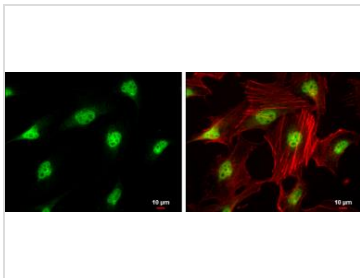
CDK4 antibody detects CDK4 protein at nucleus by immunofluorescent analysis.

Sample: MCF7 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CDK4 protein stained by CDK4 antibody (GTX102993) diluted at 1:1000.

Red: p21 Cip1, a nucleus marker, stained by p21 Cip1 antibody [GT1032] (GTX629543) diluted at 1:500.

Blue: Hoechst 33342 staining.

**GTX102993 ICC/IF Image**

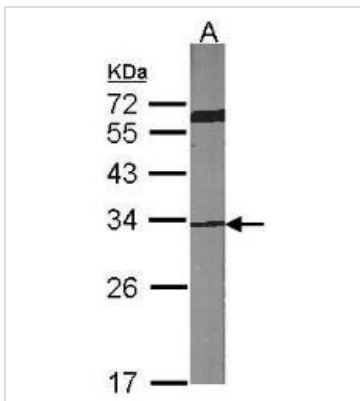
CDK4 antibody detects CDK4 protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CDK4 protein stained by CDK4 antibody (GTX102993) diluted at 1:500.

Red: phalloidin, a cytoskeleton marker, diluted at 1:200.

Scale bar = 10 μ m.

**GTX102993 WB Image**

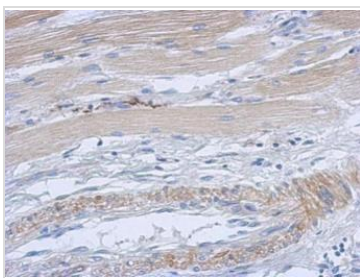
Sample (30 μ g of whole cell lysate)

A:NIH-3T3

12% SDS PAGE

GTX102993 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX102993 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded human gastric cancer, using CDK4(GTX102993) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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