

## PLK1 antibody [N2C2], Internal

Cat. No. GTX104302

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

Reference ( 4 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## APPLICATION

## Application Note

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

Suggested dilution	Recommended 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 68 kDa. ( [Note](#) )

## PROPERTIES

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human PLK1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

## Note

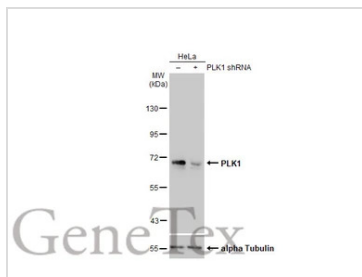
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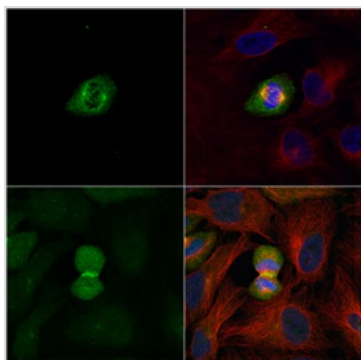


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## DATA IMAGES


**GTX104302 WB Image**

Non-transfected (–) and transfected (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PLK1 antibody [N2C2], Internal (GTX104302) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX104302 ICC/IF Image**

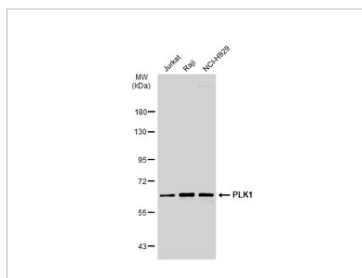
PLK1 antibody [N2C2], Internal detects PLK1 protein at midbody by immunofluorescent analysis.

Sample: HeLa cells were fixed in 2% paraformaldehyde at RT for 30 min.

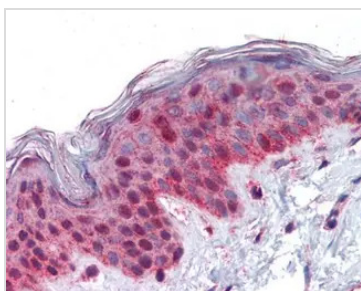
Green: PLK1 protein stained by PLK1 antibody [N2C2], Internal (GTX104302) diluted at 1:1000.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Hoechst 33342 staining.


**GTX104302 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PLK1 antibody [N2C2], Internal (GTX104302) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX104302 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded human skin, using PLK1(GTX104302) antibody(10 µg/ml).

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



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