

## PLK1 antibody [N2C2], Internal

## Cat. No. GTx104302

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

References ( 5 )

 Review ( 1 )

Package

100 µl, 25 µl

## Applications

## 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

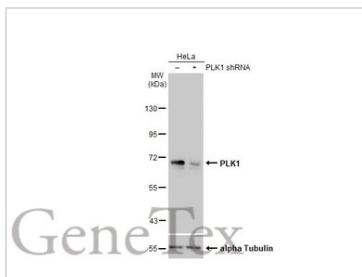
|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | 0.1M Tris, 0.1M Glycine, 10% Glycerol  |
| Preservative  | 0.01% Thimerosal   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store 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          | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.  |
|               | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.  |



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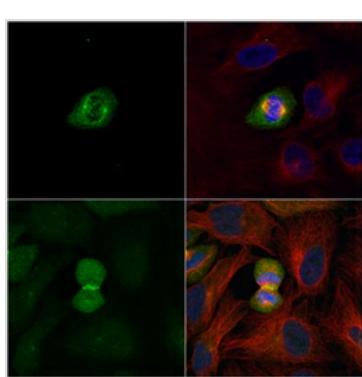
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## DATA IMAGES



## 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

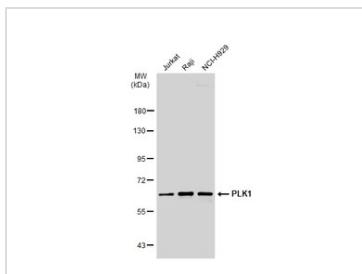
PLK1 antibody [N2C2], Internal detects PLK1 protein at midbody by immunofluorescent analysis.

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.

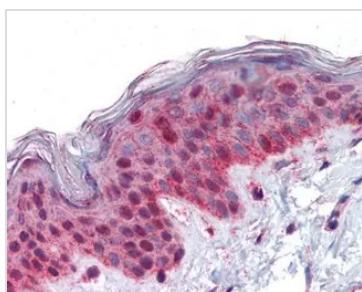
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:1000.

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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