

## Catalog #: 3915

## Aliases

PCNA; Proliferating Cell Nuclear Antigen; Cyclin; DNA Polymerase Delta Auxiliary Protein; ATLD2

## Background

Gene Name: PCNA

NCBI Gene Entry: [5111](#)

UniProt Entry: [P12004](#)

## Application Information

Molecular Weight: Predicted, 29 kDa; observed, 35 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB8665

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

## Immunogen

Recombinant protein of human PCNA

## Isotype

Mouse IgG1

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

Immunohistochemistry (IHC): 1:100-1:200

**Note:** This product is for research use only.

## Validation Data

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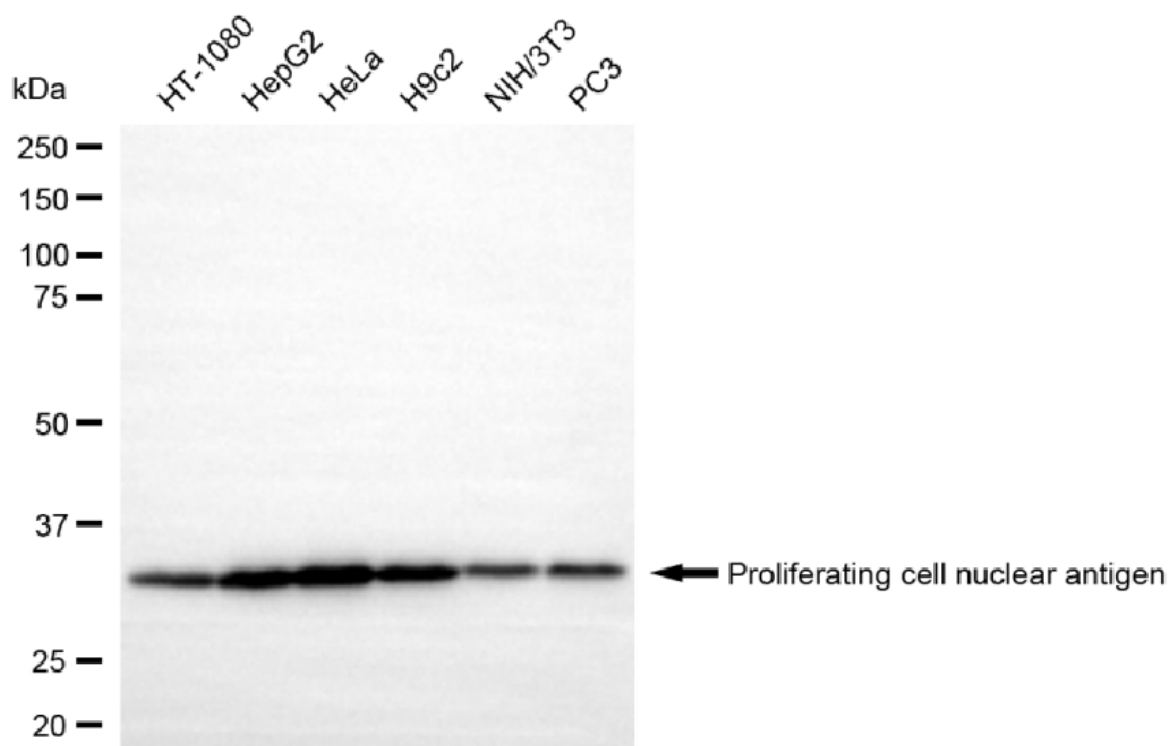
### SUPPORT

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### ORDERS

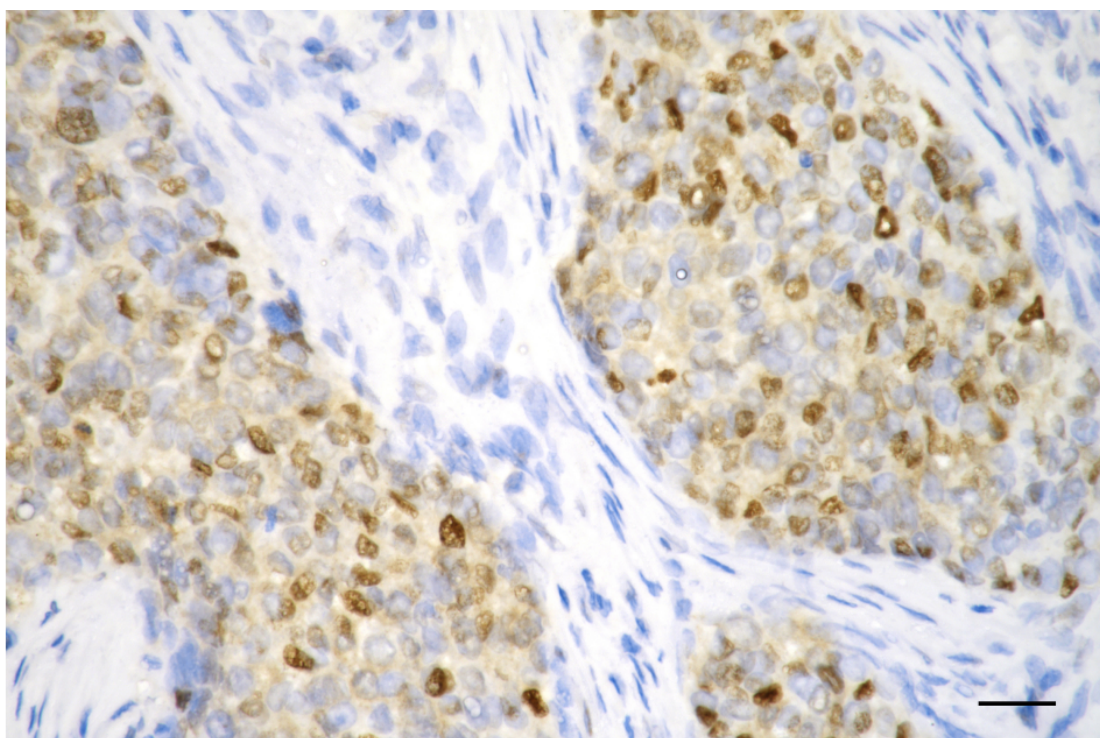
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Western blotting analysis using anti-proliferating cell nuclear antigen antibody (Cat#3915). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-proliferating cell nuclear antigen antibody (Cat#3915, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



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Immunohistochemistry was performed on paraffin-embedded human breast carcinoma using anti-proliferating cell nuclear antigen antibody (Cat#3915, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25  $\mu$ m.

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