

## Product Datasheet

### PCNA Antibody (C-term) (orb1931414)

<b>Catalog Number</b>	orb1931414
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	PCNA
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Hamster, Rat
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Immunogen</b>	This PCNA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 231-261 amino acids from the C-terminal region of human PCNA. Antigen Region: 231-261 aa.
<b>UniProt ID</b>	<b>P12004</b>
<b>MW</b>	28769 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50

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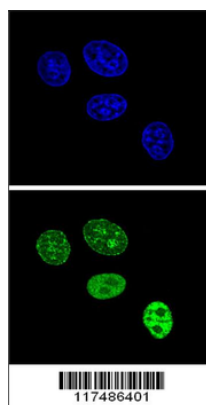
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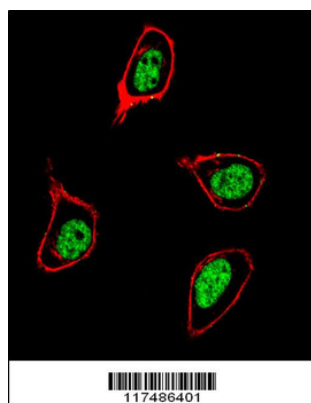
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	BTD39608
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_002583.1, NP_872590.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



Confocal immunofluorescent analysis of PCNA Antibody (C-term) with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclei (blue).



Confocal immunofluorescent analysis of PCNA Antibody (C-term) with 293 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclei (blue).

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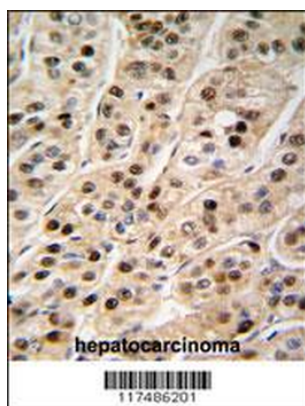
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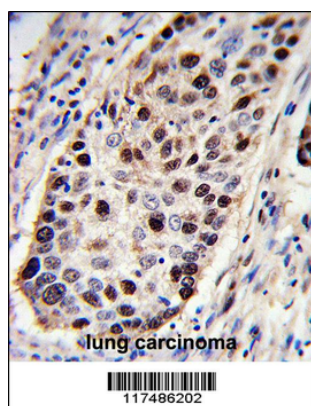
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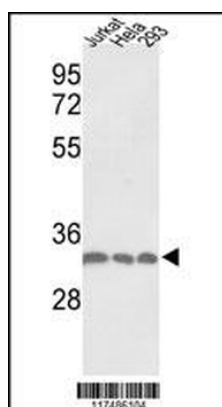
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Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with PCNA antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



PCNA Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PCNA Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of PCNA Antibody (C-term) in Jurkat, HeLa, 293 cell line lysates (35 ug/lane). PCNA (arrow) was detected using the purified Pab.

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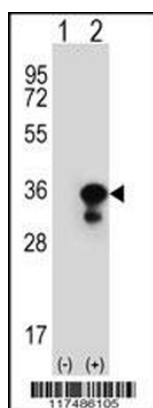
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Western blot analysis of PCNA (arrow) using rabbit polyclonal PCNA Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PCNA gene.

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