

## Product Datasheet

# PCNA Antibody (C-term) [Knockout Validated] (orb1927275)

<b>Catalog Number</b>	orb1927275
<b>Category</b>	Antibodies
<b>Description</b>	Mouse Monoclonal Antibody (Mab)
<b>Target</b>	PCNA
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Hamster
<b>Form/Appearance</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
<b>Immunogen</b>	This PCNA antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 236-261 amino acids from the C-terminal region of human PCNA. Antigen Region: 236-261 aa.
<b>UniProt ID</b>	<b>P12004</b>
<b>MW</b>	28769 Da
<b>Tested applications</b>	IHC-P, WB

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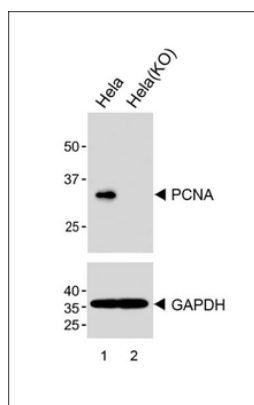
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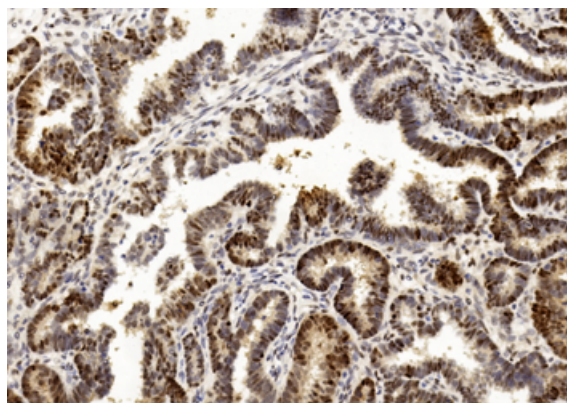
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<b>Dilution range</b>	WB - 1:2000, IHC - 1:2000, IHC-P - 1:25
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	B3379EV3X3X5
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<a href="#">NP_002583.1</a> , <a href="#">NP_872590.1</a>
<b>Expiration Date</b>	12 months from date of receipt.



All lanes: Anti-PCNA Antibody (C-term) at 1:1000 dilution (upper) Lane 1: HeLa Lane 2: HeLa-Knockout Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated at 1/8000 dilution. Predicted band size: 34 kDa



Immunohistochemical analysis of paraffin-embedded Human Ovarian cancer section using Pink1. Diluted at 1:2000 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

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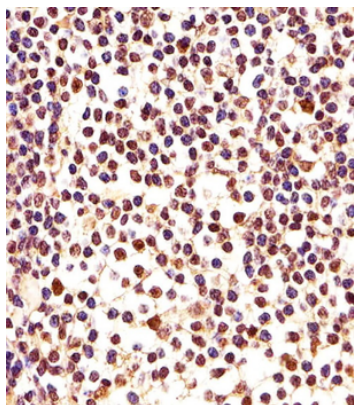
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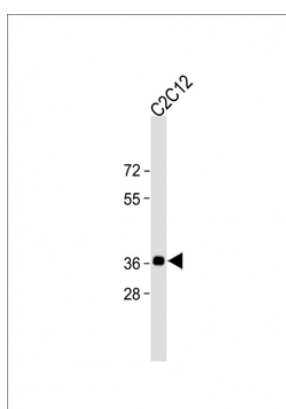
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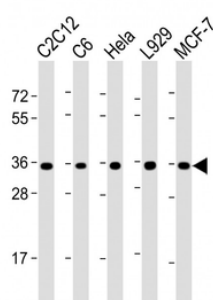
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Immunohistochemical analysis of paraffin-embedded H. lymph section using PCNA Antibody (C-term). Diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



All lanes: Anti-PCNA Antibody (C-term) at 1:2000 dilution + C2C12 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated at 1/15000 dilution. Observed band size: 34KDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-PCNA Antibody (C-term) at 1:2000 dilution. Lane 1: C2C12 whole cell lysate. Lane 2: C6 whole cell lysate. Lane 3: HeLa whole cell lysate. Lane 4: L929 whole cell lysate. Lane 5: MCF-7 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 29 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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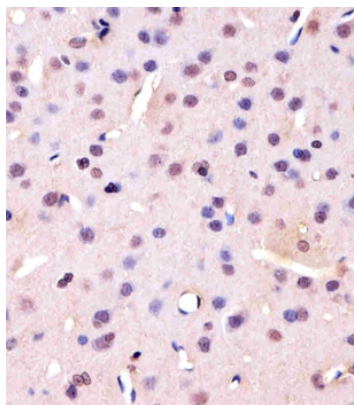
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Staining PCNA in Rat brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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