

Mouse PCNA Monoclonal Antibody | anti-PCNA antibody

Anti-PCNA antibody (monoclonal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44905	Mouse	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

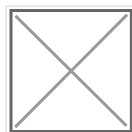
PRODUCT SYNONYMS

PCNA; Monoclonal Antibody; Anti-PCNA antibody (monoclonal); Proliferating cell nuclear antigen; proliferating cell nuclear antigen; Cyclin; DNA POLYMERASE DELTA AUXILIARY PROTEIN; anti-PCNA antibody

PRODUCT SPECIFICATIONS

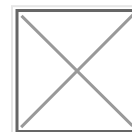
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	PC 10
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	261
Applicable Applications for anti-PCNA antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Protein A fusion protein.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



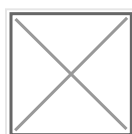
ICC (Immunocytochemistry)

Anti-PCNA antibody (monoclonal), AAA44905, ICCIC: HELA Cell



IHC (Immunohistochemistry)

Anti-PCNA antibody (monoclonal), AAA44905, IHC(P)IHC(P): Human Rectal Cancer Tissue



WB (Western Blot)

Anti-PCNA antibody (monoclonal), AAA44905, Western blottingLane 1: MCF-7 Cell
LysateLane 2: HELA Cell LysateLane 3: HT1080 Cell LysateLane 4: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PCNA antibody	<p>Description: Mouse IgG monoclonal antibody for PCNA, proliferating cell nuclear antigen (PCNA) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, mouse, rat. No cross reactivity with other proteins. Uniprot ID: P12004</p> <p>Background: Proliferating cell nuclear antigen(PCNA) was originally identified by immunofluorescence as a nuclear protein whose appearance correlated with the proliferative state of the cell. PCNA/cyclin has been localized by in situ hybridization to the short arm of human chromosome 20 with a peak of grains over band 20p13. PCNA gene is present in single copy and has 6 exons. It spans 4,961 bp. Synthesis of the nuclear protein cyclin and DNA in quiescent mouse fibroblasts is coordinately induced by serum and purified growth factors. PCNA controls establishment of sister chromatid cohesion during S phase.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129694
NCBI GeneID	5111
UniProt Accession #	P12004; B2R897; D3DW02
NCBI Official Full Name	Proliferating cell nuclear antigen
NCBI Official Synonym Full Names	proliferating cell nuclear antigen
NCBI Official Symbol	PCNA
NCBI Official Synonym Symbols	ATLD2
NCBI Protein Information	proliferating cell nuclear antigen; cyclin; DNA polymerase delta auxiliary protein
UniProt Protein Name	Proliferating cell nuclear antigen
UniProt Gene Name	PCNA
UniProt Synonym Gene Names	PCNA
UniProt Entry Name	PCNA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pcna-antibody-clone-pc-10-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/44905>