

Mouse PCNA Monoclonal Antibody | anti-PCNA antibody

PCNA Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283481	Mouse	Human, mouse, rat (Predicted Reactivity: Bovine, Hamster, Monkey)	Western Blot, Immunohistochemistry, ELISA

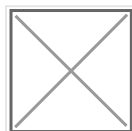
PRODUCT SYNONYMS

PCNA; Monoclonal Antibody; PCNA Antibody (C-term); Proliferating cell nuclear antigen; Cyclin; anti-PCNA antibody

PRODUCT SPECIFICATIONS

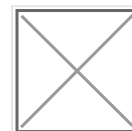
Host	Mouse
Reactivity	Human, mouse, rat (Predicted Reactivity: Bovine, Hamster, Monkey)
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1157CT1.1.3
Specificity	This PCNA antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 236-261 amino acids from the C-terminal region of human PCNA.
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	236-261
Sequence Length	261
Applicable Applications for anti-PCNA antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

PCNA Antibody (C-term) western blot analysis in HeLa, mouse L929 and rat C6 cell line lysates (35ug/lane). This demonstrates the PCNA antibody detected the PCNA protein (arrow).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. lymph section using PCNA Antibody (C-term). AAA283481 was diluted at 1:25 dilution. A undiluted biotinylated goat polyclonal antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PCNA antibody	This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-apyrimidinic (AP) endonuclease, APEX2 activities. Has to be loaded onto DNA in order to be able to stimulate APEX2.
Product Categories/Family for anti-PCNA antibody	Crown Antibodies; Cancer; Cell Biology
References	Almendral J.M., et al. Proc. Natl. Acad. Sci. U.S.A. 84:1575-1579(1987). Travali S., et al. J. Biol. Chem. 264:7466-7472(1989). Ota T., et al. Nat. Genet. 36:40-45(2004). Deloukas P., et al. Nature 414:865-871(2001). Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505641
NCBI GeneID	5111
NCBI Accession #	NP_002583.1; NP_872590.1
NCBI GenBank Nucleotide #	NM_002592.2
UniProt Accession #	P12004; B2R897; D3DW02
Molecular Weight	28769
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pcna-antibody-clone-1157ct1-1-3-western-blot-immunohistochemistry-elisa/283481>