

Mouse anti-Human PCNA Monoclonal Antibody | anti-PCNA antibody

PCNA (Proliferating Cell Nuclear Antigen, Cyclin, MGC8367) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25193	Mouse	Human	ELISA, Immunofluorescence, Immunoprecipitation, Western Blot

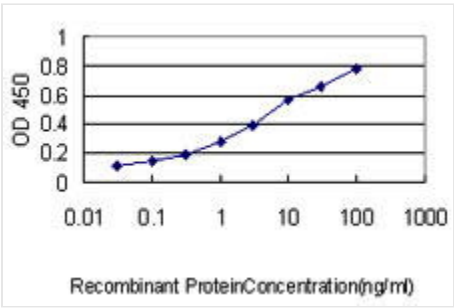
PRODUCT SYNONYMS

PCNA; Monoclonal Antibody; PCNA (Proliferating Cell Nuclear Antigen; Cyclin; MGC8367) (FITC); anti-PCNA antibody

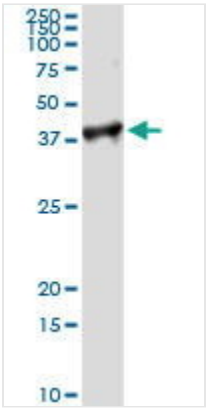
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1G7
Specificity	Recognizes human PCNA.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-PCNA antibody	ELISA, IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-262 from human PCNA (AAH00491) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MFEARLVQGSILKKVLEALKDLINEACWDISSSGVNLQSMDSHSVSLVQLTLRSEGFDTYRCDRNLAMGVNLTSMKILKCAGNEDIITLRAEDNADTLALV
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

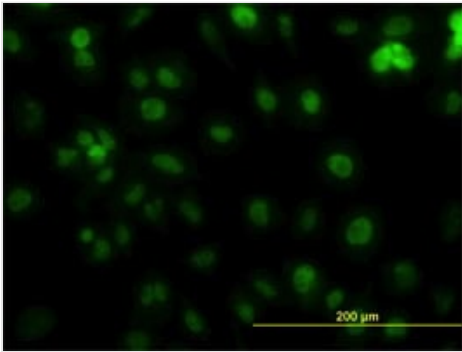
IMAGES



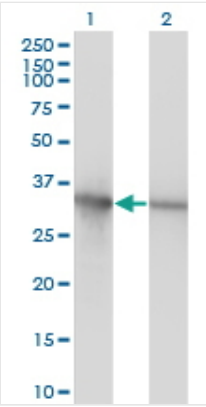
Application Data
Detection limit for recombinant GST tagged PCNA is ~0.1ng/ml as a capture antibody.



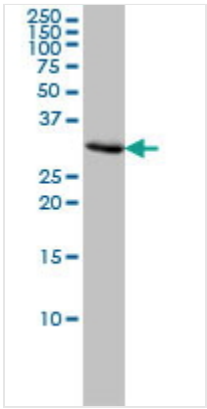
IP (Immunoprecipitation)
Immunoprecipitation of PCNA transfected lysate using PCNA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PCNA rabbit polyclonal antibody



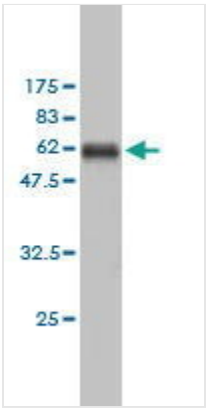
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to PCNA on HeLa cell. [antibody concentration 10ug/ml]



WB (Western Blot)
Western Blot analysis of PCNA expression in transfected 293T cell line by PCNA monoclonal antibody Lane 1: PCNA transfected lysate (28.8kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
PCNA monoclonal antibody Western Blot analysis of PCNA expression in Hela.



WB (Western Blot)
Western Blot detection against Immunogen (54.45kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PCNA antibody	Antibodies; Nuclear Proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33990414
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NCBI GeneID	5111
Molecular Weight	28,769 Da
NCBI Official Full Name	Homo sapiens proliferating cell nuclear antigen, mRNA
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

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-1g7-immunofluorescence-immunoprecipitation-western-blot-elisa/25193>