

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

PCNA Mouse Monoclonal Antibody

CATALOG # AAA29641	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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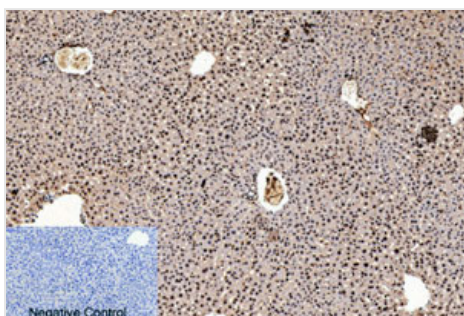
PRODUCT SYNONYMS

PCNA; Monoclonal Antibody; PCNA Mouse Monoclonal Antibody; anti-PCNA antibody

PRODUCT SPECIFICATIONS

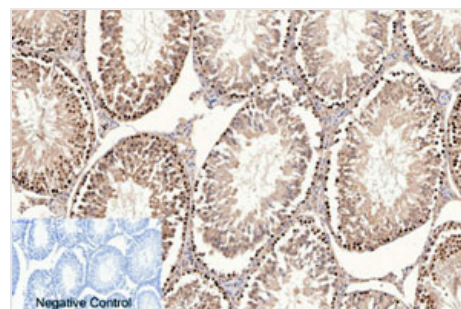
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Antibody can detect endogenous?PCNA protein.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-PCNA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western blotting: 1:5000 Immunohistochemistry: 1:200
Target Name	PCNA
Preparation and Storage	Store at -20 degree C

IMAGES



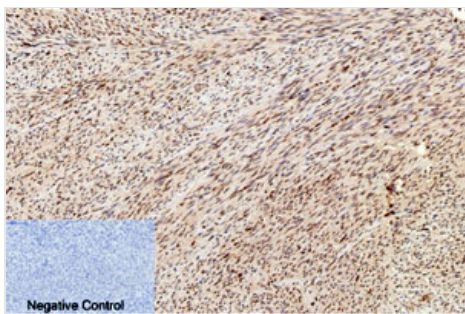
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1, PCNA Monoclonal Antibody was diluted at 1:200(4C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min).Negative control was used by secondary antibody only.



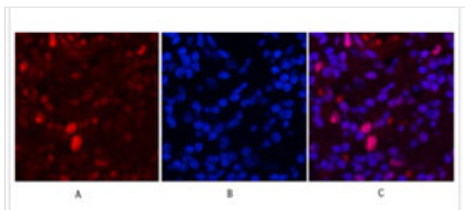
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-testis tissue. 1, PCNA Monoclonal Antibody was diluted at 1:200 (4C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98C,20min). 3,Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.



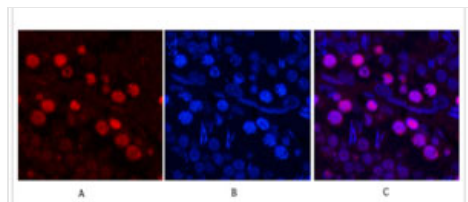
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1, PCNA Monoclonal Antibody was diluted at 1:200 (4C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



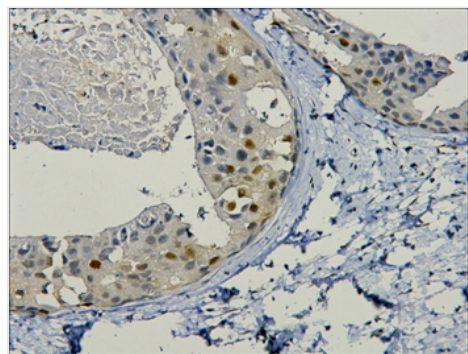
IF (Immunofluorescence)

Immunofluorescence analysis of Human-lung-cancer tissue. 1, PCNA Monoclonal Antibody (red) was diluted at 1:200 (4C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat-testis tissue. 1, PCNA Monoclonal Antibody (red) was diluted at 1:200 (4C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.



IHC (Immunohistochemistry)

IHC staining of paraffin-embedded Human breast cancer tissue with PCNA mouse mAb (12D10) diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-PCNA antibody	PCNA is a marker for cells in early G1 phase and S phase of the cell cycle. It is found in the nucleus and is a cofactor of DNA polymerase delta. PCNA acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, PCNA is ubiquitinated and is involved in the RAD6 dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for PCNA. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.
Product Categories/Family for anti-PCNA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456555
NCBI GeneID	5111
UniProt Accession #	Q6FHF5; P12004
Molecular Weight	SDS-PAGE MW: 36kd
NCBI Official Full Name	PCNA, partial
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 Entry Name	Q6FHF5_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-western-blot-immunohistochemistry-elisa/29641>