

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

PCNA Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178010	Mouse	Zebrafish	Immunohistochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

PCNA; Monoclonal Antibody; PCNA Monoclonal Antibody; ATLD2; cb16; Cyclin; DNA polymerase delta auxiliary protein; etID36690.10; fa28e03; fb36g03; HGCN8729; MGC8367; Mutagen-sensitive 209 protein; OTTHUMP00000030189; OTTHUMP00000030190; Pcn/cyclin; PCNAR; Polymerase delta accessory protein; Proliferating cell nuclear antigen; wu:fa28e03; wu:fb36g03; anti-PCNA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Zebrafish
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8B12
Purity/Purification	Protein A/G Purified
Form/Format	PBS with 0.1% sodium azide, 50% glycerol, pH 7.4
Concentration	2mg/mL (varies by lot)
Applicable Applications for anti-PCNA antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant human PCNA protein expressed by E Coli
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



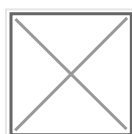
IHC (Immunohistochemistry)

Immunohistochemistry of Zebrafish paraffin embedded section with anti-PCNA mcab at dilution of 1:100.



IF (Immunofluorescence)

Immunofluorescence of Zebrafish frozen section with anti-PCNA monoclonal antibody at dilution of 1:100.



WB (Western Blot)

Western blot of Zebrafish whole lysates with anti-PCNA monoclonal antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-PCNA antibody	Proliferating cell nuclear antigen (PCNA) is a DNA clamp that acts as a processivity factor for DNA polymerase delta in eukaryotic cells and is essential for replication. PCNA is a homotrimer and achieves its processivity by encircling the DNA, where it acts as a scaffold to recruit proteins involved in DNA replication, DNA repair, chromatin remodeling and epigenetics. PCNA gene is often stably and constitutively expressed in most tissues and cells, it is commonly used as a loading control for western blot and other test.
Product Categories/Family for anti-PCNA antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling; Tags and Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505641
NCBI GeneID	5111
NCBI Accession #	NP_002583.1
NCBI GenBank Nucleotide #	NM_002592.2
UniProt Accession #	P12004; B2R897; D3DW02
Molecular Weight	28,769 Da
NCBI Official Full Name	proliferating cell nuclear antigen
NCBI Official Synonym Full Names	proliferating cell nuclear antigen
NCBI Official Symbol	PCNA
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-8b12-immunohistochemistry-immunofluorescence-western-blot-elisa/178010>