

PCNA Mouse Monoclonal Antibody

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Cat#: 2059

027-59325199

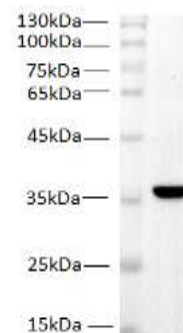
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Only For Research. Not For Diagnosis.

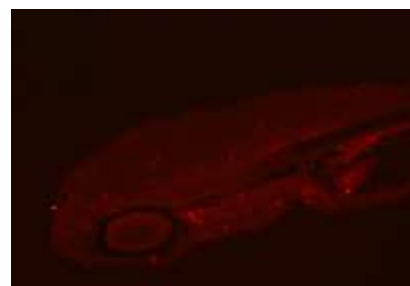
Synonyms:	PCNA; Proliferating cell nuclear antigen
Attribute:	Mouse Monoclonal Antibody
Isotype:	IgG1
Purity:	Antigen Affinity Purification
Application:	ELISA, WB, IP, IF
Calculated MW:	35kDa
Observed MW:	35kDa
Reactivity:	Human, mouse, rat, Zebra fish
Immunogen:	Recombinant Human PCNA protein expressed by E.Coli
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20°C. Do not aliquot
Recommended Dilution:	WB: 1:1000-2000 IP: 1:5000-10000 IF: 1:100-200

Background:

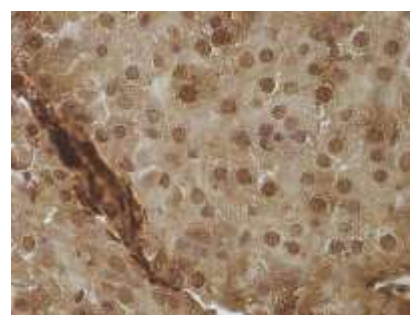
Proliferating cell nuclear antigen (PCNA) is a DNA clamp that acts as a processivity factor for DNA polymerase δ in eukaryotic cells and is essential for replication. PCNA is a homotrimer and achieves its processivity by encircling the DNA, where it acts as a scaffold to recruit proteins involved in 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.



Western blot of Zebra Fish whole lysates with anti-PCNA mcab at dilution of 1:1000



Immunofluorescence of Zebra Fish frozen section with anti-PCNA mcab at dilution of 1:100



Immunohistochemistry of Zebra Fish paraffin embedded section with anti-PCNA mcab at dilution of 1:100

We focus on precise protein quantification