

PCNA Monoclonal Antibody

Catalog Number:E-AB-48013

Note: Centrifuge before opening to ensure complete recovery of vial contents.

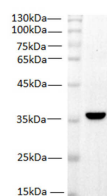
Description

Reactivity	Zebrafish
Immunogen	Recombinant human PCNA protein expressed by E.coli
Host	Mouse
Isotype	IgG1
Clone	8B12
Purification	Protein A/G Purified
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol,pH 7.4

Applications Recommended Dilution

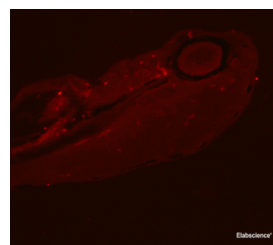
WB	1:1000-2000
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Data

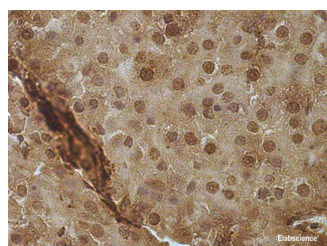


Western blot of Zebrafish whole lysates with anti-PCNA monoclonal antibody at dilution of 1:1000.

Observed Mw:36kDa
Calculated Mw:30kDa



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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

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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.

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