

Recombinant PCNA Monoclonal Antibody

catalog number: **AN300996L**

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

Description

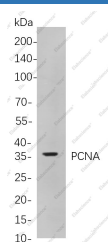
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human PCNA protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110620
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

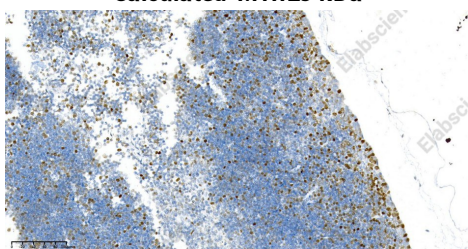
IHC	1:1000-1:4000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200,

Data

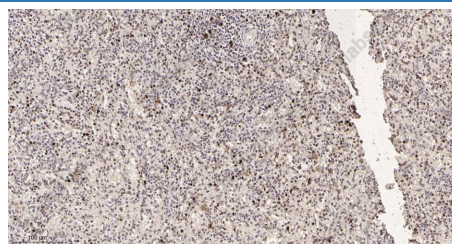


Western Blot with Recombinant PCNA Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HepG2 cells.

Observed-MW:36 kDa
Calculated-MW:29 kDa



Immunohistochemistry of paraffin-embedded mouse thymus using Recombinant PCNA Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human spleen tissue using Recombinant PCNA Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Email: techsupport@elabscience.com

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Rev. V1.4

The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway.

Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.