

PCNA Monoclonal Antibody

catalog number: E-AB-22001

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

Description

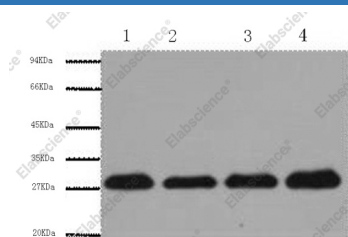
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	Mouse IgG
Clone	1A1
Purification	Protein A purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

WB	1:5000-1:10000
IHC	1:100-1:300
IF	1:100-1:300

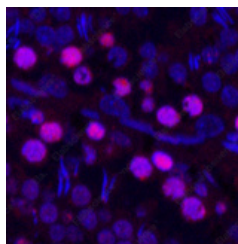
Data



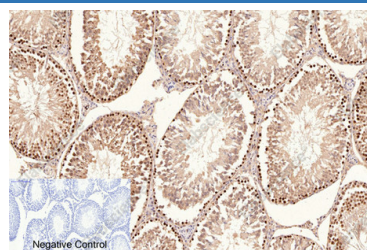
Western Blot analysis of Hela, Rat brain, NIH, 3T3, 293T using Proliferating Cell Nuclear Antigen Monoclonal Antibody at dilution of 1:5000.

Observed-MW:29 kDa

Calculated-MW:29 kDa



Immunofluorescence analysis of Rat testis tissue using Proliferating Cell Nuclear Antigen Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Rat testis tissue using Proliferating Cell Nuclear Antigen Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.9

This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-apyrimidinic (AP) endonuclease, APEX2 activities. Has to be loaded onto DNA in order to be able to stimulate APEX2.