

# PCNA Mouse mAb

Catalog No.: A24056

## Basic Information

### Observed MW

36kDa

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

WB,IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

AMC0661

## Background

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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC-P</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

5111

### Swiss Prot

P12004

### Immunogen

Recombinant fusion protein

### Synonyms

PCNA

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Mouse

### Isotype

IgG1

### Purification

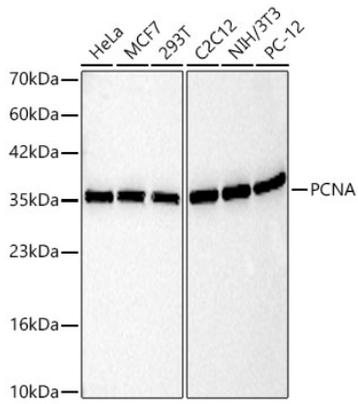
Affinity purification

### Storage

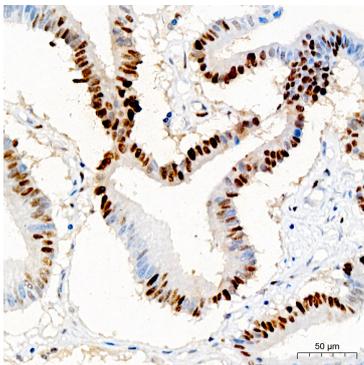
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,1% BSA,50% glycerol,pH7.3.

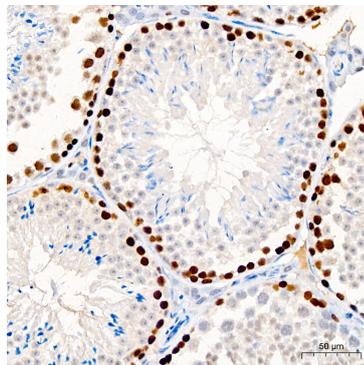
## Validation Data



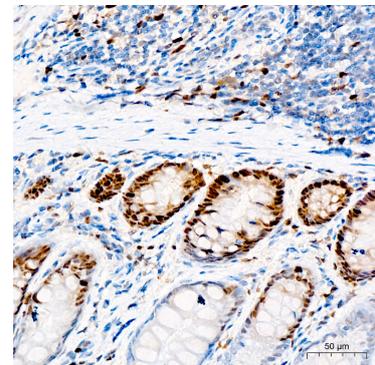
Western blot analysis of various lysates using PCNA Mouse mAb (A24056) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.



Immunohistochemistry analysis of PCNA in paraffin-embedded human colon carcinoma tissue using PCNA Mouse mAb (A24056) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of PCNA in paraffin-embedded mouse testis tissue using PCNA Mouse mAb (A24056) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of PCNA in paraffin-embedded rat colon tissue using PCNA Mouse mAb (A24056) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.