

PCNA Mouse Monoclonal Antibody



CAB9909

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

28kDa

Calculated MW:

28kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

5111

Uniprot

P12004

Synonyms:

PCNA; ATLD2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200

Source:

Mouse

Isotype:

IgG

Purification:

Affinity purification

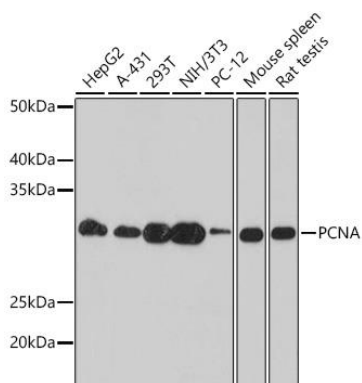
Immunogen:

Recombinant protein of human PCNA

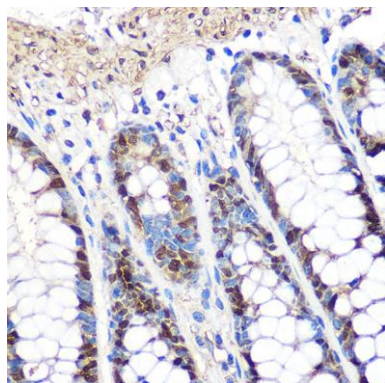
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using PCNA antibody (CAB9909) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded human colon using PCNA Mouse mAb (CAB9909) at dilution of 1:100 (40x lens).