

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PCNA

Numéro de catalogue: **CL750-60097** **Phare**



## Informations de base

Numéro de catalogue: CL750-60097	Numéro d'acquisition GenBank: BC000491	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5111	CloneNo.: 10D10E11
Hôte: Mouse	Nom complet: proliferating cell nuclear antigen	Dilutions recommandées: WB 1:2000-1:16000
Isotype: IgG1	MW calculé 29 kDa/31 kDa	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG7416	MW observés: 36-38 kDa	

## Applications

Applications testées: WB	Contrôles positifs: WB : cellules HeLa, cellules HepG2
Spécificité de l'espèce: Humain, porc, rat, souris	

## Informations générales

Proliferating Cell Nuclear Antigen, commonly known as PCNA, is a protein that acts as a processivity factor for DNA polymerase  $\delta$  in eukaryotic cells. 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. PCNA induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-aprimidinic (AP) endonuclease, APEX2 activities. It has to be loaded onto DNA in order to be able to stimulate APEX2. PCNA protein is highly conserved during evolution; the deduced amino acid sequences of rat and human differ by only 4 of 261 amino acids. PCNA has been used as loading control for proliferating cells. The calculated molecular weight of PCNA is 29 kDa, but modified PCNA is 36kDa (PMID: 1358458).

## Stockage

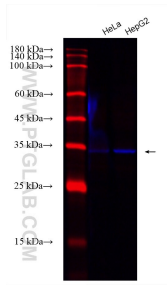
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with CL750-60097 (PCNA antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.