

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PCNA

Numéro de catalogue: HRP-60097

1 Publications



## Informations de base

<b>Numéro de catalogue:</b> HRP-60097	<b>Numéro d'acquisition GenBank:</b> BC000491	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 5111	<b>CloneNo.:</b> 10D10E11
<b>Hôte:</b> Mouse	<b>Nom complet:</b> proliferating cell nuclear antigen	<b>Dilutions recommandées:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 29 kDa/31 kDa	
<b>Immunogen Catalog Number:</b> AG7416	<b>MW observés:</b> 36-38 kDa	

## Applications

<b>Applications testées:</b> WB	<b>Contrôles positifs:</b> WB : cellules HEK-293,
<b>Demandes citées:</b> WB	
<b>Spécificité de l'espèce:</b> Humain, porc, rat, souris	
<b>Espèces citées:</b> 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-apyrimidinic (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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Ha T Nguyen	36468795	Mol. Reprod. Dev.	WB

## Stockage

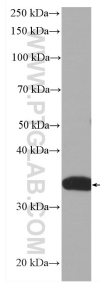
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with HRP-60097 (PCNA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.