

À des fins de recherche uniquement

Anticorps Monoclonal anti-PCNA

Numéro de catalogue: Biotin-60097

1 Publications



Informations de base

Numéro de catalogue: Biotin-60097	Numéro d'acquisition GenBank: BC000491	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 5111	CloneNo.: 10D10E11
Hôte: Mouse	Nom complet: proliferating cell nuclear antigen	Dilutions recommandées: IHC 1:1000-1:4000
Isotype: IgG1	MW calculé 29 kDa/31 kDa	
Immunogen Catalog Number: AG7416	MW observés: 36-38 kDa	

Applications

Applications testées: IHC	Contrôles positifs: IHC : tissu de gliome humain,
Demandes citées: WB	
Spécificité de l'espèce: Humain, porc, rat, souris	
Espèces citées: Humain, souris	

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

Proliferating Cell Nuclear Antigen, commonly known as PCNA, is a protein that acts as a processivity factor for DNA polymerase δ 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
Huizhen Wang	34789720	Cell Death Dis	WB

Stockage

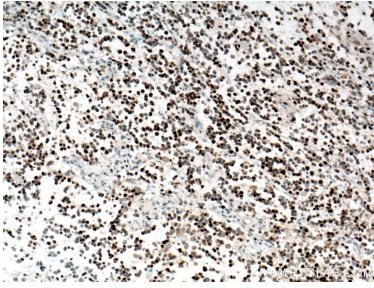
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

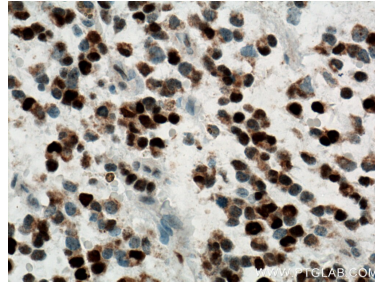
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using Biotin-60097 (PCNA antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using Biotin-60097 (PCNA antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).