

À des fins de recherche uniquement

Anticorps Monoclonal anti-PCNA

Numéro de catalogue: 65034-1-Ig



Informations de base

Numéro de catalogue:

65034-1-Ig

Taille:

150ul , 667 µg/ml

Hôte:

Mouse

Isotype:

IgG

Numéro d'acquisition GenBank:

BC000491

Identification du gène (NCBI):

5111

Nom complet:

proliferating cell nuclear antigen

MW calculé

29 kDa/31 kDa

MW observés:

36 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain, souris

Contrôles positifs:

WB : cellules 293,

Informations générales

PCNA, also named as Cyclin, belongs to the PCNA family. 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. The PCNA protein has been highly conserved during evolution; the deduced amino acid sequences of rat and human differ by only 4 of 261 amino acids. This antibody is a mouse monoclonal antibody raised against recombinant protein of human PCNA. The calculated molecular weight of PCNA is 29 kDa, but modified PCNA is 36kDa PMID: 1358458 .

Stockage

Stockage:

Stocker à une température comprise entre 2 °C et 8 °C.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3

For technical support and original validation data for this product please contact:

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