

PCNA Mouse mAb

Cat No: HR1AM2141

For research use only

Overview

Product Name	PCNA Mouse mAb
Source	Mouse
Applications	WB, IHC
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	WB 1:5,000 IHC 1:200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	29kDa
GeneID?Human?	5111
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	N/A
Background	PCNA is a marker for cells in early G1 phase and S phase of the cell cycle. It is found in the nucleus and is a cofactor of DNA polymerase delta. PCNA acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, PCNA is ubiquitinated and is involved in the RAD6 dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for PCNA. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.