

## Mouse Monoclonal Antibody to PCNA

Catalogue Number	sAP-0952
Target Molecule	<b>Name:</b> PCNA <b>Aliases:</b> <b>MW:</b> 28.7kDa <b>Entrez Gene ID:</b> 5111
Description	The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome. ; ;
Immunogen	Purified recombinant fragment of human PCNA (AA: 53-196 ) expressed in E. Coli.
Recitative Species	Human; Monkey;
Clone	MM7H4F8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Cancer Res. 2012 Jul 1;72(13):3217-27. ; 2.PLoS One. 2012;7(1):e29416. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**