PCNA Monoclonal Antibody

Product Code	CSB-MA000081M0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	PCNA fusion protein
Raised In	mouse
Species Reactivity	N/A
Tested Applications	ELISA
Relevance	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. This antibody is a rabbit polyclonal antibody raised against an internal region of human PCNA.
Form	liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%,Protein G purified
Isotype	IgG1
Clonality	monoclonal
Product Type	Tag Control Antibody
Clone No.	3C33G3
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.