



Anti-PCNA Mouse Monoclonal Antibody(9C8)

Catalog No.	EM31014-01	EM31014-02
Size	50 μ l	100 μ l

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.

Molecular Weight: 29KD

Application : WB 1 : 5,000 IHC 1:200 Optimal dilutions should be determined by the end user.

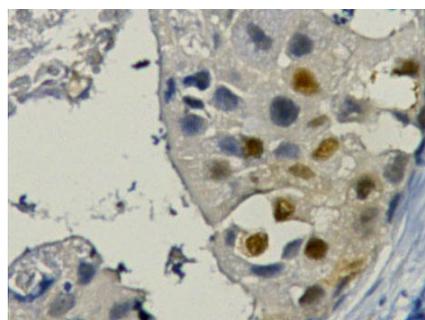
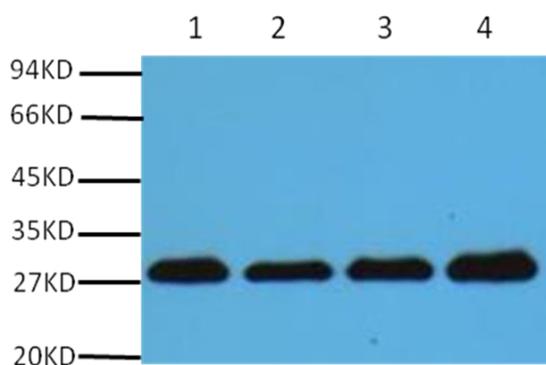
species reactivity: Human Rat Mouse

Specificity: The PCNA antibody can detect endogenous PCNA protein.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis of Hela (1), Rat brain (2), NIH 3T3 (3), 293T(4) with PCNA mouse mAb diluted at 1:5000.

IHC staining of Human breast cancer tissue paraffin-embedded with PCNA mouse mAb diluted at 1:200