

## PCNA Antibody

Cat.#: BF0704                      Concn.: 1mg/ml                      Mol.Wt.: 28.7kDa  
Size: 50ul,100ul,200ul,1ml      Source: Mouse                      Clonality: Monoclonal

Application:                      WB 1:500-2000, IHC 1:200-1000, FCM 1:200-400, ELISA 1:10000

Reactivity:                      Human,Mouse,Rat

Purification:                      Affinity-chromatography.

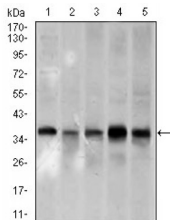
Specificity:                      PCNA antibody detects endogenous levels of total PCNA.

Immunogen:                      Purified recombinant fragment of human PCNA (AA: 53-196 ) expressed in E. Coli.

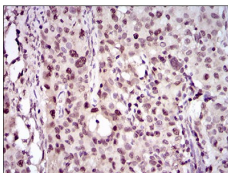
Uniprot:                          P12004

Description:                      PCNA 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. Belongs to the PCNA family. Homotrimer. Forms a complex with activator 1 heteropentamer in the presence of ATP.

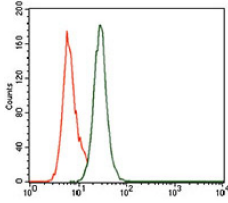
Storage Condition and Buffer:      Mouse IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis using PCNA mouse mAb against A431 (1), HeLa (2), HepG2 (3), Raji (4), and MOLT4 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using PCNA mouse mAb with DAB staining.



Flow cytometric analysis of MOLT4 cells using PCNA mouse mAb (green) and negative control (purple).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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