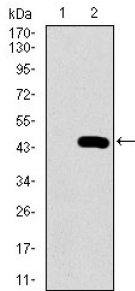
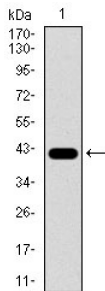


# Proliferating Cell Nuclear Antigen (PCNA) Antibody

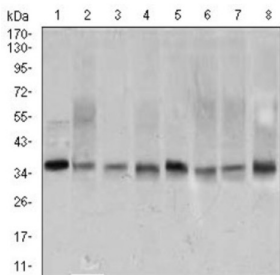
Catalogue No.: abx015957



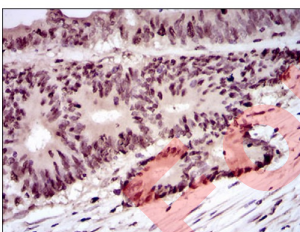
Western blot analysis using PCNA antibody against human PCNA recombinant protein. (Expected MW is 41.2 kDa).



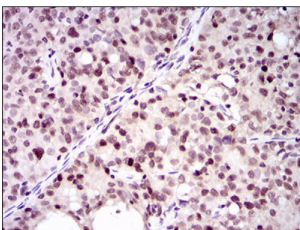
Western blot analysis using PCNA antibody against HEK293 (1) and PCNA (AA: 53-196) - hlgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using PCNA antibody against A431 (1), HEK293 (2), HeLa (3), HepG2 (4), Raji (5), MOLT4 (6), COS7 (7), and MCF-7 (8) cell lysate.



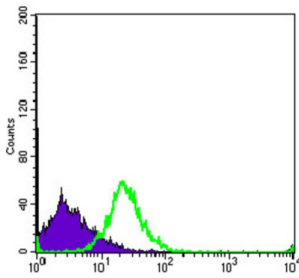
Flow cytometric analysis of MOLT4 cells using PCNA antibody (green) and negative control (purple).



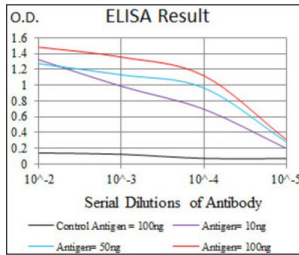
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using PCNA antibody with DAB staining.

# Datasheet

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Immunohistochemical analysis of paraffin-embedded colon cancer tissues using PCNA antibody with DAB staining.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

<b>Target:</b>	Proliferating Cell Nuclear Antigen (PCNA)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Human, Monkey
<b>Tested Applications:</b>	ELISA, WB, IHC, FCM
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Purified recombinant fragment of human PCNA (AA: 53-196) expressed in E. coli.
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Form:</b>	Liquid
<b>Purification:</b>	Unpurified ascites.

# Datasheet

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**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**GeneID:** [5111](#)

**Molecular Weight:** 28.7 kDa

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Concentration:** Not determined.

**Note:** This product is for research use only.

For Reference Only