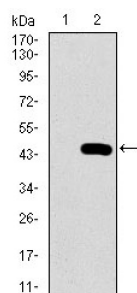
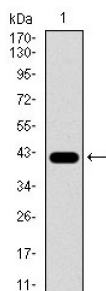


Proliferating Cell Nuclear Antigen (PCNA) Antibody

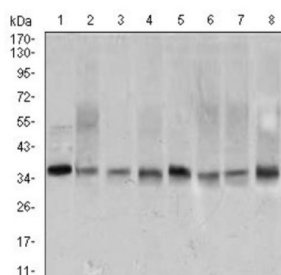
Catalogue No.: abx015957



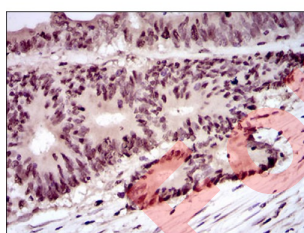
Western blot analysis using PCNA antibody against human PCNA recombinant protein. (Expected MW is 41.2 kDa).



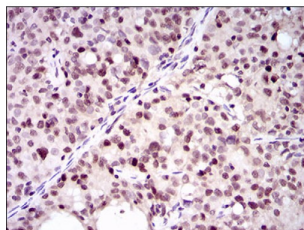
Western blot analysis using PCNA antibody against HEK293 (1) and PCNA (AA: 53-196) - hlgGFc transfected HEK293 (2) cell lysate.



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).

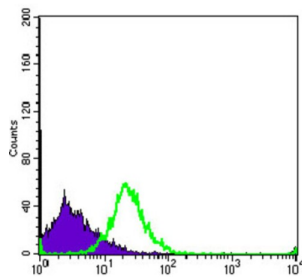


Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using PCNA antibody with DAB staining.

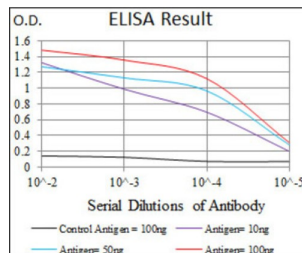
Datasheet

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Revision date: 15 Apr 2025



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.

Target: Proliferating Cell Nuclear Antigen (PCNA)

Clonality: Monoclonal

Reactivity: Human, Monkey

Tested Applications: ELISA, WB, IHC, FCM

Host: Mouse

Recommended dilutions: 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.

Conjugation: Unconjugated

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

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Datasheet

Version: 2.0.0

Revision date: 15 Apr 2025



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. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only