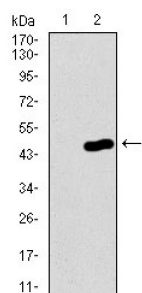
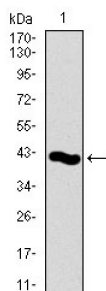


Proliferating Cell Nuclear Antigen (PCNA) Antibody

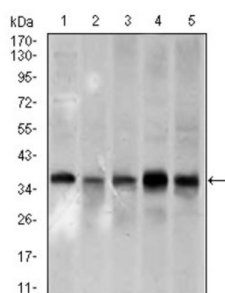
Catalogue No.: abx015958



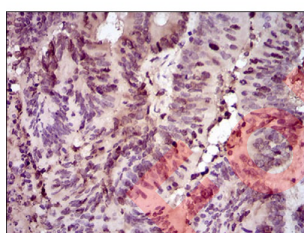
Western blot analysis using PCNA antibody against human PCNA recombinant protein. (Expected MW is 41.2 kDa).



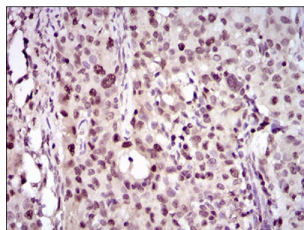
Western blot analysis using PCNA antibody against HEK293 (1) and PCNA (AA: 53-196) - hlgGFc transfected HEK293 (2) cell lysate.



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



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

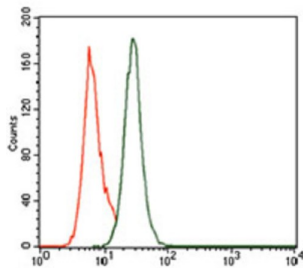


Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using PCNA antibody with DAB staining.

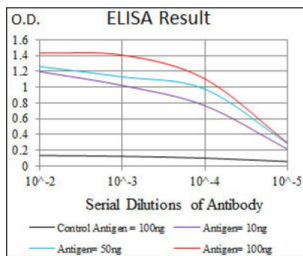
Datasheet

Version: 3.0.0

Revision date: 20 Jul 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

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: Purified from ascites by Protein G chromatography.

Datasheet

Version: 3.0.0
Revision date: 20 Jul 2025



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

UniProt Primary AC: P12004 ([UniProt](#), [ExPASy](#))

Gene Symbol: PCNA

GeneID: [5111](#)

OMIM: [176740](#)

HGNC: 8729

KEGG: hsa:5111

Ensembl: ENSG00000132646

String: [9606.ENSP00000368458](#)

Molecular Weight: 28.7 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.