9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

39-1086: Anti-PCNA Monoclonal Antibody (Clone: PC 10)

Clonality :	Monoclonal
Clone Name :	PC 10
Application :	WB,IHC-P,IHC-F,ICC
Reactivity :	Human
Gene :	Pcna
Gene ID :	25737
Uniprot ID :	P04961
Alternative Name :	ProlifeRating cell nuclear antigen; PCNA; Cyclin; Pcna
Isotype :	Mouse IgG2a
Immunogen Information :	Protein A fusion protein.

Description

Proliferating cell nuclear antigen(PCNA) was originally identified by immunofluorescence as a nuclear protein whose appearance correlated with the proliferative state of the cell. PCNA/cyclin has been localized by in situ hybridization to the short arm of human chromosome 20 with a peak of grains over band 20p13. PCNA gene is present in single copy and has 6 exons. It spans 4,961 bp. Synthesis of the nuclear protein cyclin and DNA in quiescent mouse fibroblasts is coordinately induced by serum and purified growth factors. PCNA controls establishment of sister chromatid cohesion during S phase.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 2ÃÂ¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.4-1ÃÂ¼g/ml; Immunohistochemistry(Frozen Section) : 0.4-1ÃÂ¼g/ml; Immunocytochemistry : 1ÃÂ¼g/ml;

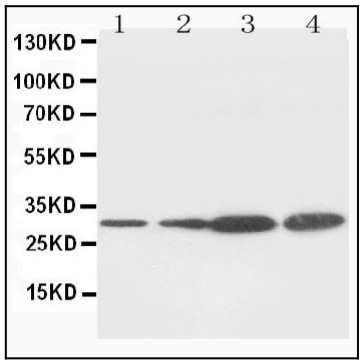


Figure 1: Anti-PCNA antibody(monoclonal) 39-1086. Western blotting: Lane 1: MCF-7 Cell Lysate, Lane 2: HELA Cell Lysate, Lane 3: HT1080 Cell Lysate, Lane 4: COLO320 Cell Lysate.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

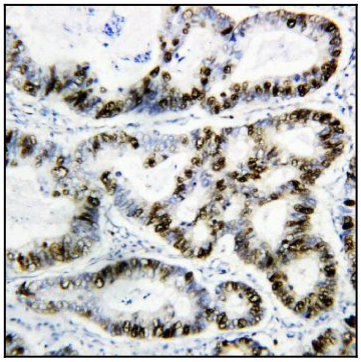


Figure 2: Anti-PCNA antibody(monoclonal) 39-1086. IHC(P): Human Rectal Cancer Tissue.

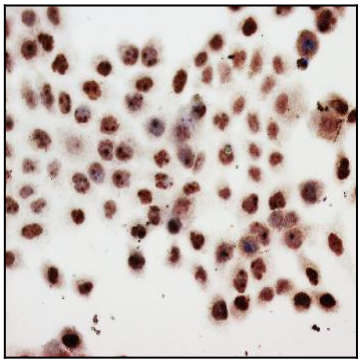


Figure 3: Anti-PCNA antibody(monoclonal)39-1086. ICC: HELA Cell.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.