BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PCNA Antibody (Monoclonal, 36P00)

Catalog Number: M00125-6

About Pcna

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.

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Overview

Product Name	Anti-PCNA Antibody (Monoclonal, 36P00)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PCNA Antibody (Monoclonal, 36P00) catalog # M00125-6. Tested in IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, ICC, WB
Clonality	Monoclonal 36P00
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P04961

Technical Details

Immunogen	Protein A fusion protein.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P), IHC(F) and ICC.

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Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG2a
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.4-1ug/ml, Human, mouse, rat Immunocytochemistry , 1ug/ml, Human, mouse, rat, - Immunohistochemistry (Frozen Section), 0.4-1ug/ml, Human, mouse, rat, - Western blot, 2ug/ml, Human, mouse, rat

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