

Product datasheet for **SM1421P**

PCNA Mouse Monoclonal Antibody [Clone ID: PC10]

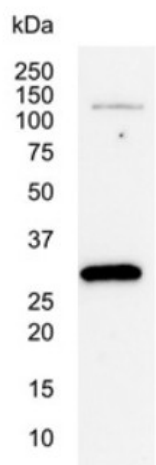
Product data:

Product Type:	Primary Antibodies
Clone Name:	PC10
Applications:	FC, IHC, IP, WB
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/100 diluted antibody to label 10e6 cells in 100 µl. Cell permeabilisation required). Immunohistochemistry on Frozen Sections and Paraffin embedded sections: 1/50-1/100. It does not require antigen unmasking. Recommended Positive Control Tissue: Tonsil. Immunoprecipitation. Western blot (1/1000).
Reactivity:	Amphibian, Drosophila, Fish, Mammalian, Yeast
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Rat PCNA made in the protein A expression vector pR12T2.
Specificity:	This antibody recognises PCNA, a nuclear protein vital for cellular DNA synthesis.
Formulation:	PBS, pH 7.4, containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	proliferating cell nuclear antigen
Database Link:	P12004
Synonyms:	Cyclin

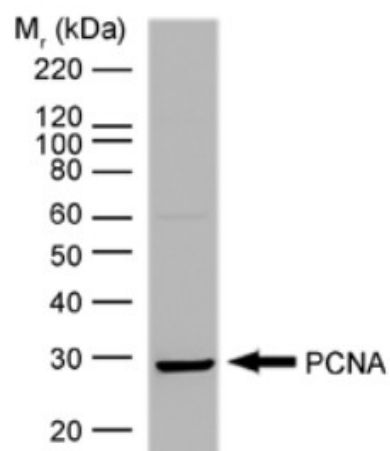


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Product images:



Western blot analysis of K562 erythroleukemic cell line whole cell lysate probed with Mouse anti Human PCNA antibody (cat.-No SM1421P) followed by HRP conjugated Goat anti Mouse IgG secondary antibody, visualized using chemiluminescence.



Western blot analysis of HeLa Nuclear Extract probed with Mouse anti Human PCNA (cat.-No SM1421P).