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30-2723: Anti-PCNA Purified

Clonality :	Monoclonal
Clone Name :	PC10
Application :	FACS, IP, WB, IHC, IHC-Fr, ICC
Reactivity :	Mouse, Human, Non-human primates, Drosophila, Chicken, Rat
Gene :	PCNA
Gene ID :	5111
Uniprot ID :	P12004
Format :	Purified
Alternative Name :	proliferating cell nuclear antigen ATLD2
Immunogen Information :	recombinant rat PCNA

Description

PCNA (proliferating cell nuclear antigen) is the DNA polymerase delta auxiliary protein acting in homotrimeric form to increase the processivity of leading strand synthesis during DNA replication. PCNA is expressed in the nucleus of all proliferating cells. In response to DNA damage, it is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. PCNA is a useful marker of DNA synthesis, as its form not involved in DNA synthesis degradates in histological preparations in the presence of organic solvents.
Specificity :The mouse monoclonal antibody PC10 (also known as 3F81) recognizes PCNA, a 36 kDa conserved nuclear protein serving as a cofactor for DNA synthesis.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 Ã□Âµg/ml. Intracellular staining.

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