

Mouse anti-PCNA Purified, clone PC10 (Monoclonal)

Clone no. PC10

MONOSAN

Product name	Mouse anti-PCNA Purified, clone PC10 (Monoclonal)
Host	Mouse
Applications	FC , IP, WB, IHC-P, IHC-Fr, ICC
Species reactivity	Mouse, Human, Non-human primates, Drosophila, Chicken, Rat
Conjugate	-
Immunogen	recombinant rat PCNA
Isotype	IgG2a kappa
Clonality	Monoclonal
Clone number	PC10
Size	0.1 mg
Concentration	1 mg/ml
Format	Purified by protein-A affinity chromatography.
Storage buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

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 degrades in histological preparations in the presence of organic solvents. Specificity The mouse monoclonal antibody dG9 (also known as deltaG9) recognizes perforin, a 70 kDa protein expressed in cytoplasmic granules of cytotoxic T cells and NK cells. Application details Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.

References

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2. -
3. -
4. -
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