



	Technical Data Sheet	
Product	Anti-PCNA PE	
Cat. Number/Size	1P-182-T025	25 tests
	1P-182-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	PCNA	
Clone	PC10	
Format	PE	
Reactivity	Mouse, Human, Non-human primates, Drosophila, Chicken, Rat	
Application	FC-IC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a kappa	
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.	
Other names	ATLD2	
Immunogen	recombinant rat PCNA	
Entrez Gene ID	5111	
Gene name	PCNA	
NCBI Full Gene Name	proliferating cell nuclear antigen	
UniProt ID	P12004	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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