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36-1536: Monoclonal Antibody to PCNA (Proliferating Cell Nuclear Antigen) (G1- & S-phase Marker)(Clone : PC10)

Clonality :	Monoclonal
Clone Name :	PC10
Application :	FACS,IF,WB,IHC
Reactivity :	Human, Mouse, Rat
Gene :	PCNA
Gene ID :	5111
Uniprot ID :	P12004
Format :	Purified
Alternative Name :	PCNA
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Rat PCNA/Protein A fusion protein

Description

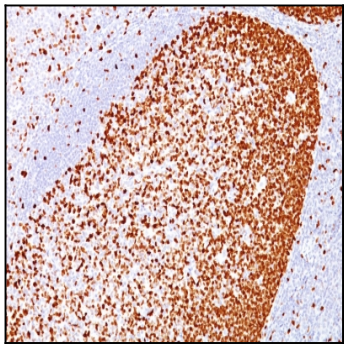
Recognizes a non-histone protein of 36kDa, which is identified as proliferating cell nuclear antigen (PCNA). It is also known as cyclin or polymerase delta auxiliary protein. Elevated expression of PCNA/cyclin has been shown in the nucleus during late G1 phase immediately before the onset of DNA synthesis, becoming maximal during S-phase and declining during G2 and M phases. This MAb is excellent for multiple applications.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (0.25-0.5ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Tonsil stained with PCNA Monoclonal Antibody (PC10)