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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:

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/mil); 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°C followed by cooling at RT for 20 minutes);



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