

## 36-1537: Monoclonal Antibody to PCNA (Proliferating Cell Nuclear Antigen) (G1- & S-phase Marker)(Clone : SPM350)

|                                |                                   |
|--------------------------------|-----------------------------------|
| <b>Clonality :</b>             | Monoclonal                        |
| <b>Clone Name :</b>            | SPM350                            |
| <b>Application :</b>           | FACS,IF,WB,IHC                    |
| <b>Reactivity :</b>            | Human, Mouse, Rat                 |
| <b>Gene :</b>                  | PCNA                              |
| <b>Gene ID :</b>               | 5111                              |
| <b>Uniprot ID :</b>            | P12004                            |
| <b>Format :</b>                | Purified                          |
| <b>Alternative Name :</b>      | PCNA                              |
| <b>Isotype :</b>               | Mouse IgG2a, kappa                |
| <b>Immunogen Information :</b> | Rat PCNA/Protein A fusion protein |

### Description

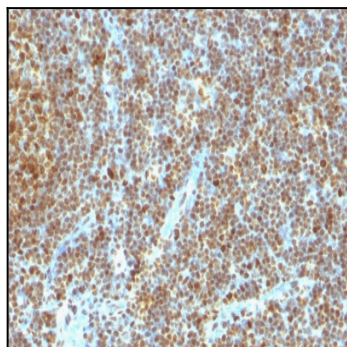
Recognizes a non-histone protein of 36kDa, which is identified as proliferating cell nuclear antigen (PCNA). It is also known as cyclin or polymerase delta auxiliary protein. Elevated expression of PCNA/cyclin has been shown in the nucleus during late G1 phase immediately before the onset of DNA synthesis,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

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 100 µg  |
| <b>Purification :</b>      | Affinity Chromatography   |
| <b>Content :</b>           | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.                               |
| <b>Storage condition :</b> | 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) (1-2ug/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 (SPM350)