

## 36-1538: Monoclonal Antibody to PCNA (Proliferating Cell Nuclear Antigen) (G1- & S-phase Marker)(Clone : PCNA/694)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PCNA/694
<b>Application :</b>	FACS,IF,WB,IHC
<b>Reactivity :</b>	Human
<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>	Recombinant full length human PCNA protein

### Description

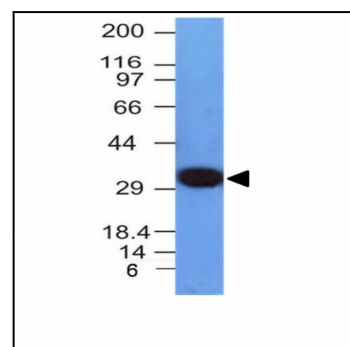
Recognizes a non-histone protein of 36kDa, which is identified as proliferating cell nuclear antigen (PCNA). It is also known as cyclin or polymerase delta auxiliary protein. Elevated expression of PCNA/cyclin has been shown in the nucleus during late G1 phase immediately before the onset of DNA synthesis,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

### Product Info

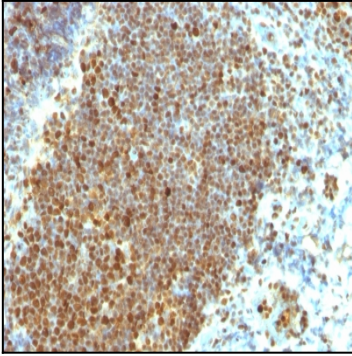
<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid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



Western Blot Analysis of HepG2 Cell Lysate using PCNA Monoclonal Antibody (PCNA/694)



Formalin-fixed, paraffin-embedded human Tonsil stained with PCNA Monoclonal Antibody (PCNA/694)