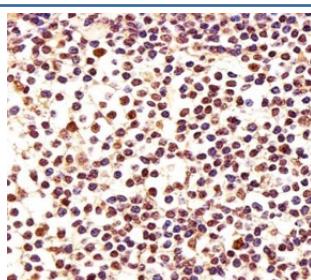


PCNA Antibody (Proliferating Cell Nuclear Antigen) [clone 1157CT1.1.3] (F52380)

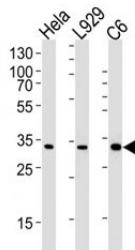
| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F52380-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F52380-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

Bulk quote request

| | |
|-----------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse, Rat |
| Predicted Reactivity | Bovine, Hamster, Primate |
| Format | Purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG1 |
| Clone Name | 1157CT1.1.3 |
| Purity | Purified |
| UniProt | P12004 |
| Applications | IHC (Paraffin) : 1:25 Western Blot : 1:2000 |
| Limitations | This PCNA antibody is available for research use only. |



Immunohistochemical analysis of paraffin-embedded human lymph using PCNA antibody at 1:25 dilution.



PCNA antibody western blot analysis in human HeLa, mouse L929 and rat C6 lysate.
Expected molecular weight: 29-36 kDa.

Description

This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-apyrimidinic (AP) endonuclease, APEX2 activities. Has to be loaded onto DNA in order to be able to stimulate APEX2.

Application Notes

Titration of the PCNA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 236-261 from human Proliferating Cell Nuclear Antigen was used as the immunogen for this PCNA antibody.

Storage

Aliquot the PCNA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.