

PCNA antibody [PC10]

Cat. No. GTX20029

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, IHC
Reactivity	Human, Mouse, Rat, Rabbit, Fish

References (27)

Package

100 µg

Applications

Application Note

Flow Cyt: Use at an assay dependent dilution. IHC-P: 1/1600. Perform heat mediated antigen retrieval before commencing with IHC staining protocol
 IHC-Fr: Use at an assay dependent dilution. Fix in 4% buffered formalin at room temperature for 2 min then fix in ethanol for 10 minutes. IP: Use at an assay dependent dilution WB: 1:5,000, Detects a band of approximately 30 kDa (predicted molecular weight: 29 kDa). Optimal dilutions/concentrations should be determined by the researcher.

Calculated MW 29 kDa. ([Note](#))**Product Note** Specific for PCNA p36 protein expressed at high levels in proliferating cells

Properties

Form Liquid**Buffer** PBS**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Immunogen** Protein A-rat PCNA (proliferating cell nuclear antigen) fusion obtained from pC2T**Purification** Protein A purified**Conjugation** Unconjugated**Note**

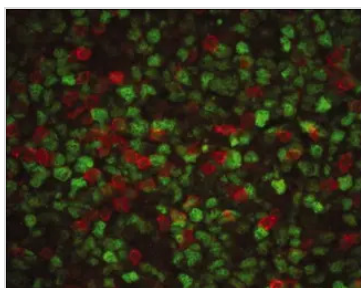
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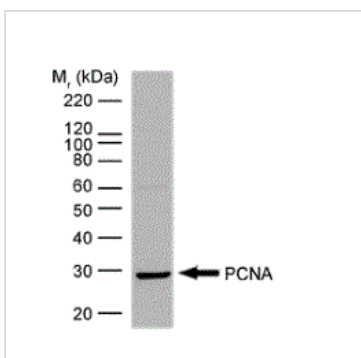
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DATA IMAGES



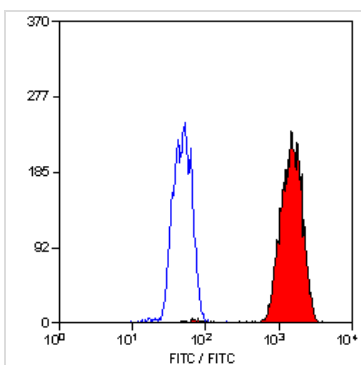
GTX20029 ICC/IF Image

Human Tonsil stained with Anti-CD3, T Cell at a 1:150 dilution (red) and Monoclonal Anti-Proliferating Cell Nuclear Antigen (GTX20029) at a 1:500 dilution (green). Counterstained with DAPI.



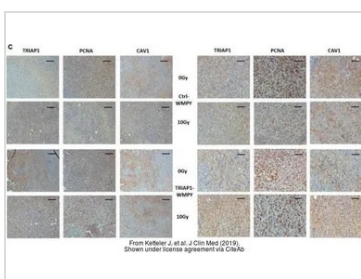
GTX20029 WB Image

Western blot analysis of HeLa Nuclear Extract probed with Mouse anti Human PCNA (GTX20029)



GTX20029 FCM Image

Staining of KM-H2 cells with MOUSE ANTI PCNA:FITC (GTX75144) following permeabilisation



GTX20029 IHC-P Image

The data was published in the journal J Clin Med in 2019. [PMID: 30871022](https://pubmed.ncbi.nlm.nih.gov/30871022/)



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