

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 (25)

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

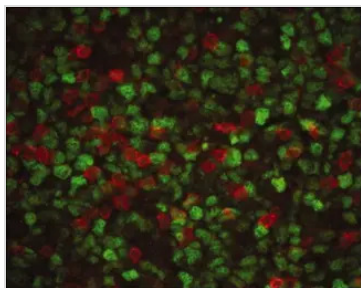
Properties

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	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



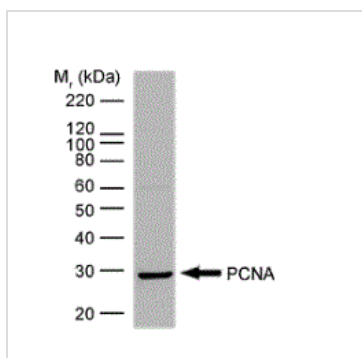
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DATA IMAGES



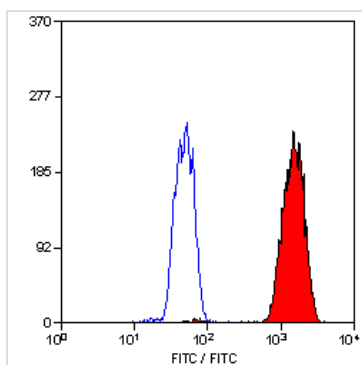
GTx20029 ICC/IF Image

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.



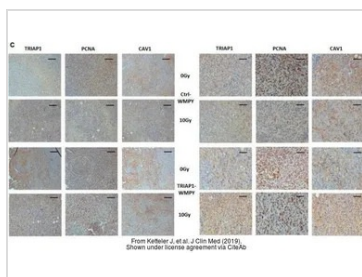
GTx20029 WB Image

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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