

Anti-PCNA antibody [2E1-G10-H10] (STJ99203)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ICC/IHC
Host / Source	Mouse
Reactivity	Human/Mouse/Monkey/Rat/Hamster

PRODUCT PROPERTIES

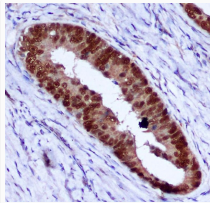
Clonality	Monoclonal
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution Range	WB 1:1000 ICC 1:100
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2b
Molecular Weight	Observed: 30-33kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

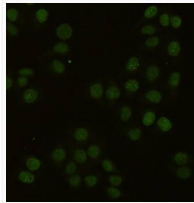
Gene ID	5111
Gene Symbol	PCNA
UniProt ID	PCNA_HUMAN
Specificity	This antibody detects endogenous levels of PCNA and does not cross-react with related proteins.

ADDITIONAL INFORMATION

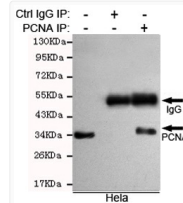
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



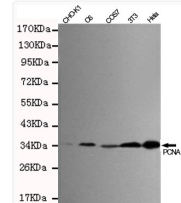
Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma with PCNA mouse mAb (2E1-G10-H10, 1:400 diluted), showing nuclear localization. A high pressure mediated antigen retrieval step was performed in citrate buffer (pH6.0).



Immunocytochemistry staining of HeLa cells using PCNA mouse mAb (dilution 1:100). Fixed in 100% methanol for 2hr at -20°C.



Immunoprecipitation analysis of HeLa cell lysates using PCNA mouse mAb.



Western blot detection of PCNA in HeLa, 3T3, COS7, C6 and CHO-K1 cell lysates using PCNA mouse mAb (1:1000 diluted). Predicted band size: 36kDa. Observed band size: 36kDa.