

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

STJ99203

GENERAL INFORMATION

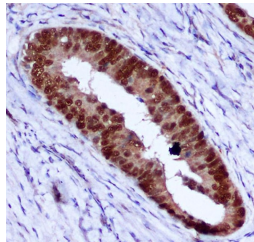
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Proliferating Cell Nuclear antigen is suitable for use in Western Blot, Immunoprecipitation, Immunocytochemistry and Immunohistochemistry research applications.
Applications	WB, IP, ICC, IHC
Host/Source	Mouse
Reactivity	Human, Mouse, Simian, Rat, Hamster

PRODUCT PROPERTIES

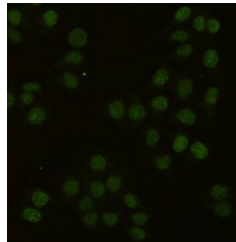
Clonality	Monoclonal
Clone ID	2E1-G10-H10
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution	WB 1:1000
Range	ICC 1:100
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2b
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

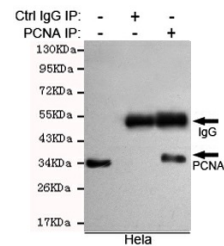
Gene ID	5111
Gene Symbol	PCNA
Uniprot ID	PCNA_HUMAN
Immunogen	Purified recombinant human PCNA protein fragments expressed in E.coli.
Immunogen Region	
Specificity	PCNA monoclonal antibody (Proliferating Cell Nuclear Antigen) binds to endogenous Proliferating Cell Nuclear Antigen.
Immunogen Sequence	



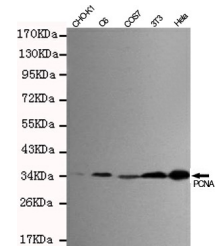
Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma with PCNA mouse mAb (2E1-G10-H10, 1:400 diluted), showing nuclear localization. A high pressure mediated antigen retrieval step was performed in citrate buffer (pH6.0).



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.