

产品名称: PCNA Mouse Monoclonal Antibody
产品货号: AMM83031



产品概述 (Summary)

产品名称 (Production Name)	PCNA Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PCNA
别名 (Alternative Names)	PCNA
基因 ID (Gene ID)	5111.0
蛋白 ID (SwissProt ID)	P12004.Purified recombinant fragment of human PCNA (AA: 53-196) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	28.7kDa

研究背景 (Background)

The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein

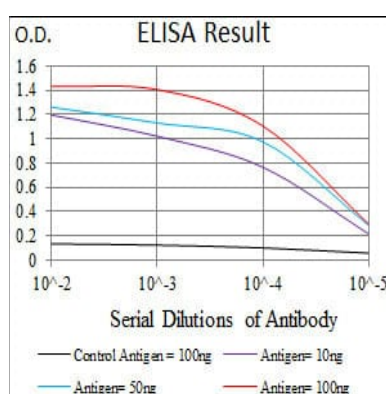
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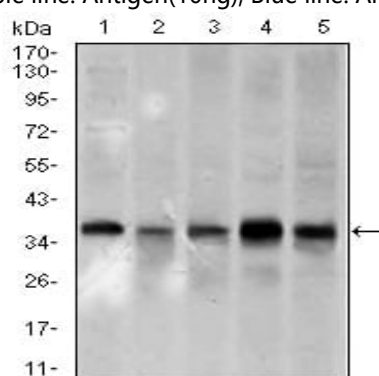
acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.

研究领域 (Research Area)

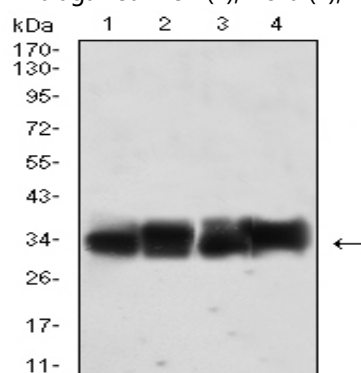
图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



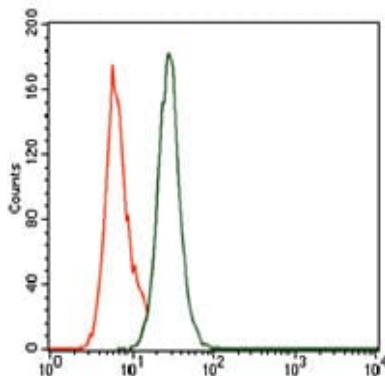
Western blot analysis using PCNA mouse mAb against A431 (1), HeLa (2), HepG2 (3), Raji (4), and MOLT4 (5) cell lysate.



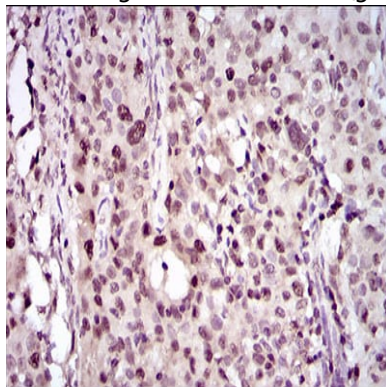
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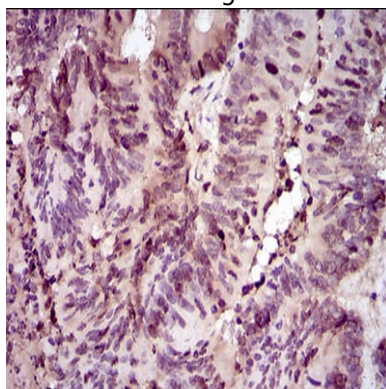
Western blot analysis using PCNA mouse mAb against 81505(1),KO-SF(2),RSC-96(3),NIH/3T3(4) cell lysate.



Flow cytometric analysis of MOLT4 cells using PCNA mouse mAb (green) and negative control (purple).

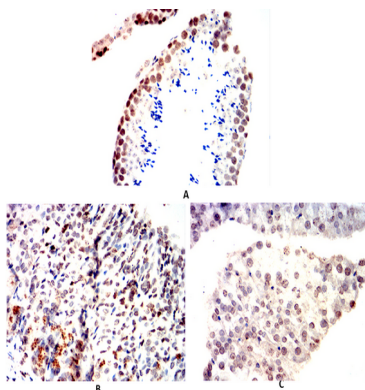


Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using PCNA mouse mAb with DAB staining.

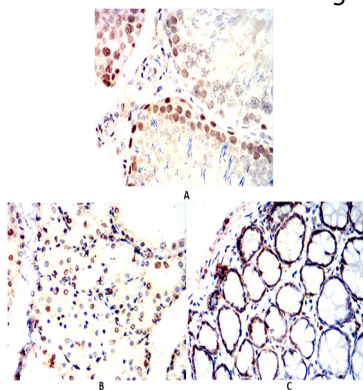


Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using PCNA mouse mAb with DAB staining.

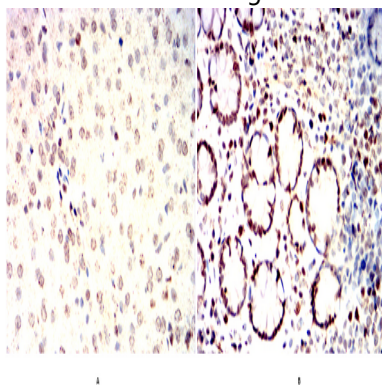
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Immunohistochemical analysis of paraffin-embedded Mouse testis(A) Mouse stomach(B) Mouse pancreas(C) using PCNA mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat testis(A) Rat thyroid(B) Rat colon(C) using PCNA mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit liver(A) Rabbit colon(B) using PCNA mouse mAb with DAB staining.

注意事项 (Note)

For research use only .