

产品名称: XRCC1 Mouse Monoclonal Antibody
产品货号: AMM82774



产品概述 (Summary)

产品名称 (Production Name)	XRCC1 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, 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)	XRCC1
别名 (Alternative Names)	RCC; SCAR26
基因 ID (Gene ID)	7515.0
蛋白 ID (SwissProt ID)	P18887.Purified recombinant fragment of human XRCC1 (AA:1-150) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	69.5kDa

研究背景 (Background)

The protein encoded by this gene is involved in the efficient repair of DNA single-strand breaks formed by exposure to

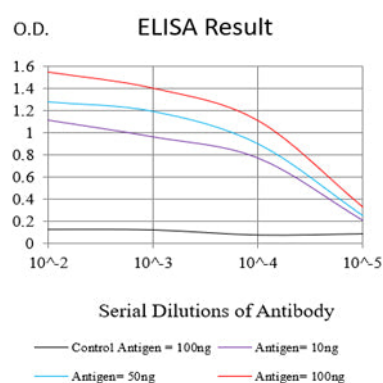
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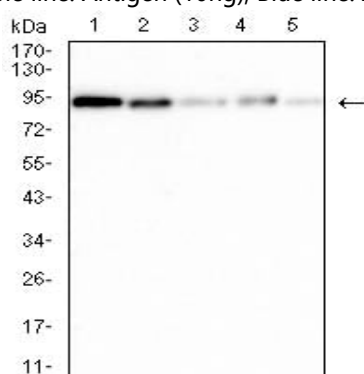
ionizing radiation and alkylating agents. This protein interacts with DNA ligase III, polymerase beta and poly (ADP-ribose) polymerase to participate in the base excision repair pathway. It may play a role in DNA processing during meiosis and recombination in germ cells. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity.

研究领域 (Research Area)

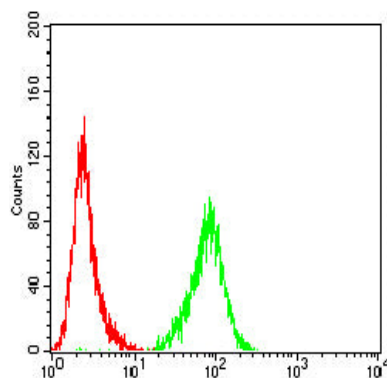
图片 (Image Data)



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



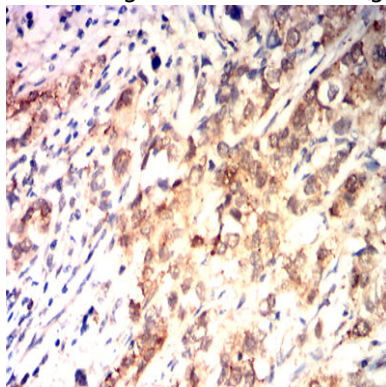
Western blot analysis using XRCC1 mouse mAb against Hela (1), Jurkat (2),k562 (3),SK-OV-3 (4), and COS-7 (5) cell lysate.



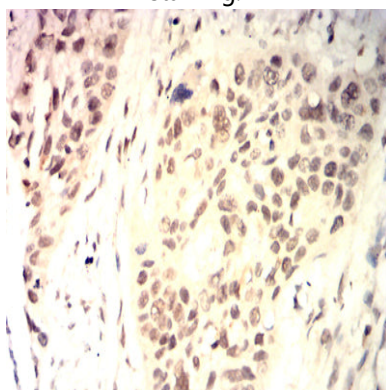
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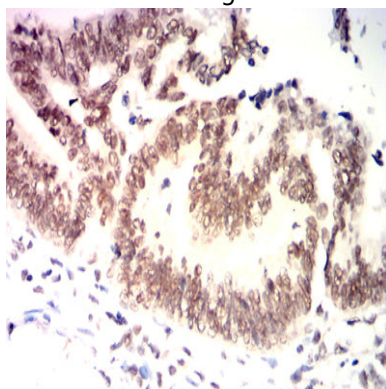
Flow cytometric analysis of Jurkat cells using XRCC1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder Cancer tissues using Jurkat mouse mAb with DAB staining.



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



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

注意事项 (Note)

For research use only .