

产品名称: APEX1 Mouse Monoclonal Antibody
产品货号: AMM81854



产品概述 (Summary)

产品名称 (Production Name)	APEX1 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,Rat,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)	APEX1
别名 (Alternative Names)	APE; APX; APE1; APEN; APEX; HAP1; REF1
基因 ID (Gene ID)	328.0
蛋白 ID (SwissProt ID)	P27695.Purified recombinant fragment of human APEX1 (AA: 219-318) 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)	35.6kDa

研究背景 (Background)

Apurinic/aprimidinic (AP) sites occur frequently in DNA molecules by spontaneous hydrolysis, by DNA damaging agents

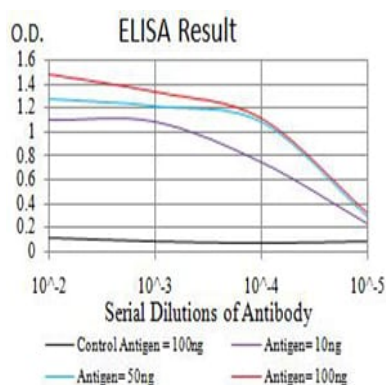
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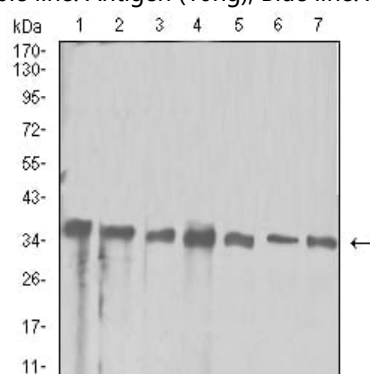
or by DNA glycosylases that remove specific abnormal bases. AP sites are pre-mutagenic lesions that can prevent normal DNA replication so the cell contains systems to identify and repair such sites. Class II AP endonucleases cleave the phosphodiester backbone 5' to the AP site. This gene encodes the major AP endonuclease in human cells. Splice variants have been found for this gene; all encode the same protein.

研究领域 (Research Area)

图片 (Image Data)

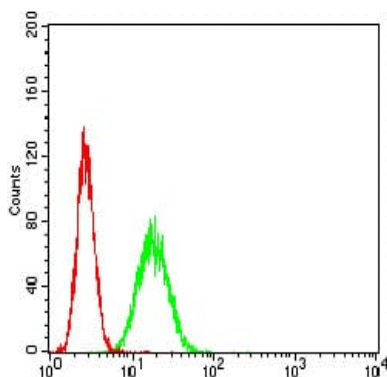


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

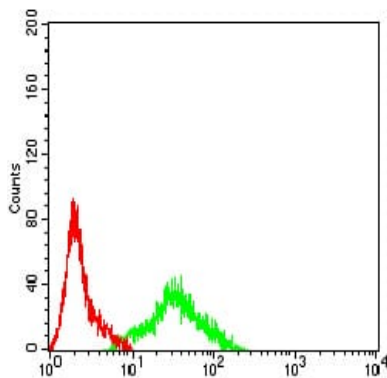


Western blot analysis using APEX1 mouse mAb against Hela (1), Jurkat (2), SW480 (3), A431 (4), HepG2 (5), NIH/3T3 (6), and PC-12 (7) cell lysate.

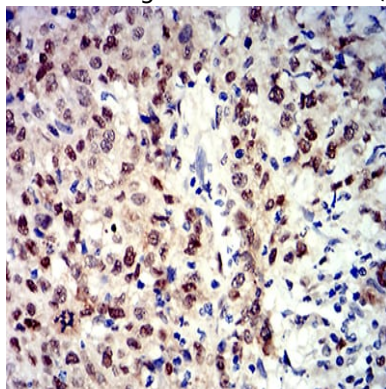
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Flow cytometric analysis of HeLa cells using APEX1 mouse mAb (green) and negative control (red).

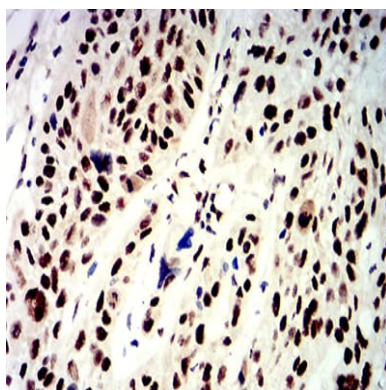


Flow cytometric analysis of SK-N-SH cells using APEX1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using APEX1 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using APEX1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .