

产品名称: E2F1 Mouse Monoclonal Antibody
产品货号: AMM81150



产品概述 (Summary)

产品名称 (Production Name)	E2F1 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

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)	E2F1
别名 (Alternative Names)	RBP3; E2F-1; RBAP1; RBBP3
基因 ID (Gene ID)	1869.0
蛋白 ID (SwissProt ID)	Q01094.Purified recombinant fragment of human E2F1 (AA: 69-223) 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)	46.9kDa

研究背景 (Background)

The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role

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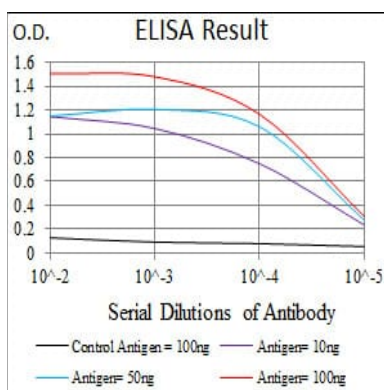


in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein and another 2 members, E2F2 and E2F3, have an additional cyclin binding domain. This protein binds preferentially to retinoblastoma protein pRB in a cell-cycle dependent manner. It can mediate both cell proliferation and p53-dependent/independent apoptosis.

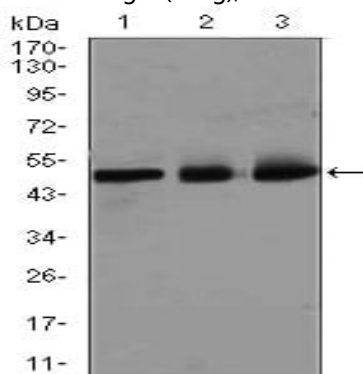
研究领域 (Research Area)

Apoptosis

图片 (Image Data)

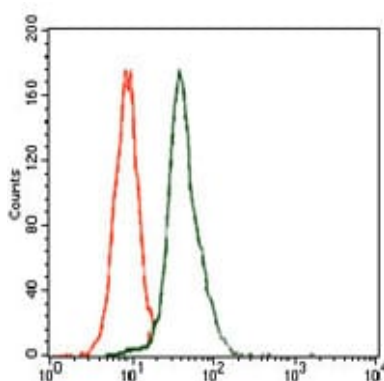


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

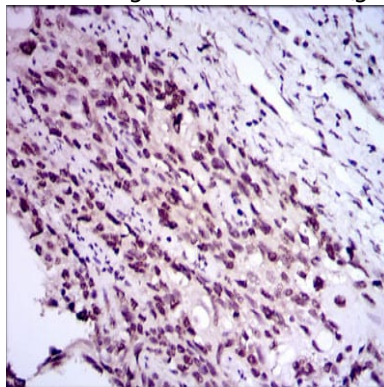


Western blot analysis using E2F1 mouse mAb against HeLa (1), SK-N-SH (2), and NIH3T3 (3) cell lysate.

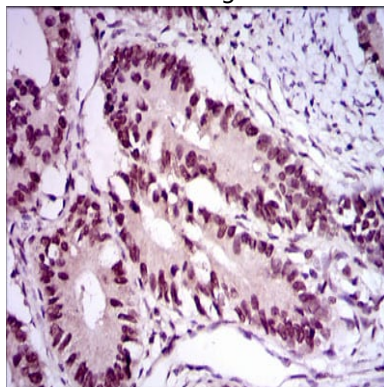
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Flow cytometric analysis of HeLa cells using E2F1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using E2F1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using E2F1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .