

产品名称: p53 Mouse Monoclonal Antibody
产品货号: AMM85027



产品概述 (Summary)

产品名称 (Production Name)	p53 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC
种属反应性 (Reactivity)	Human

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, 0.5% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	p53
别名 (Alternative Names)	TP53; P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53
基因 ID (Gene ID)	7157.0
蛋白 ID (SwissProt ID)	P04637.Synthetic Peptide of p53

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IHC 1:50-1:100, ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 44 kDa; Observed MW: 53 kDa

研究背景 (Background)

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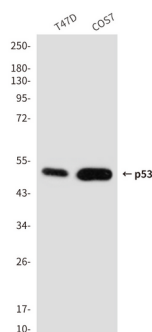


Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

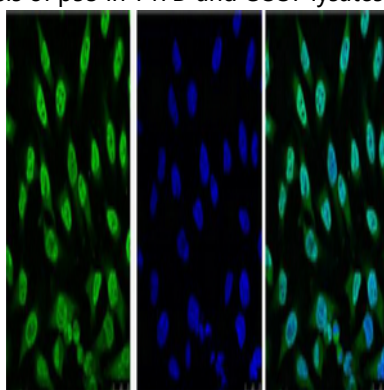
研究领域 (Research Area)

Apoptosis, PI3K-Akt signaling pathway, MAPK signaling pathway

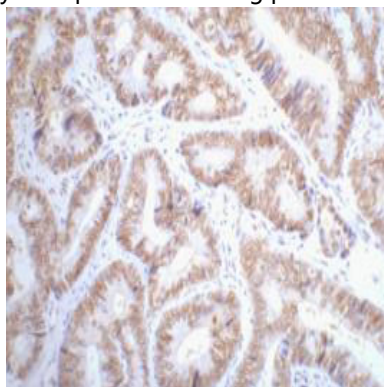
图片 (Image Data)



Western blot analysis of p53 in T47D and COS7 lysates using p53 antibody



Immunofluorescence analysis of p53 in HeLa using p53 antibody (Left) and DAPI (Right).



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Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using p53 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .