

产品名称: ATM (9F7) Mouse Monoclonal Antibody
产品货号: AMM00765



产品概述 (Summary)

产品名称 (Production Name)	ATM (9F7) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATM
别名 (Alternative Names)	ATM; Serine-protein kinase ATM; Ataxia telangiectasia mutated; A-T mutated
基因 ID (Gene ID)	472
蛋白 ID (SwissProt ID)	Q13315.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	-

研究背景 (Background)

The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint

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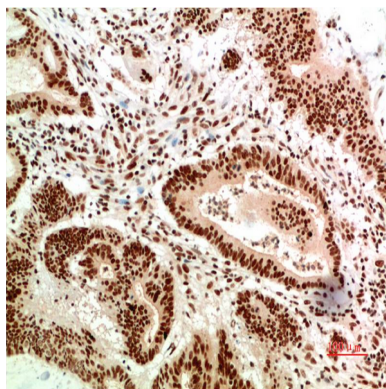


kinase that phosphorylates; thus, it functions as a regulator of a wide variety of downstream proteins, including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2, checkpoint proteins RAD17 and RAD9, and DNA repair protein NBS1. This protein and the closely related kinase ATR are thought to be master controllers of cell cycle checkpoint signaling pathways that are required for cell response to DNA damage and for genome stability.

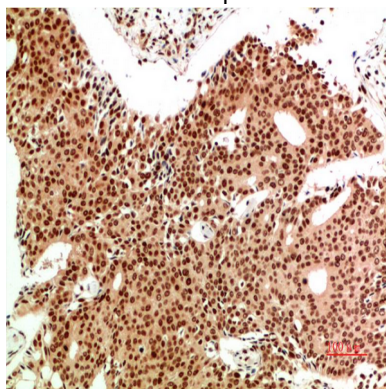
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma Tissue using ATM (9F7) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using ATM (9F7) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .