

产品名称: RAD21 Mouse Monoclonal Antibody
产品货号: AMM81636



产品概述 (Summary)

产品名称 (Production Name)	RAD21 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,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)	RAD21
别名 (Alternative Names)	HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21
基因 ID (Gene ID)	5885.0
蛋白 ID (SwissProt ID)	O60216.Purified recombinant fragment of human RAD21 (AA: 287-403) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	71.7kDa

研究背景 (Background)

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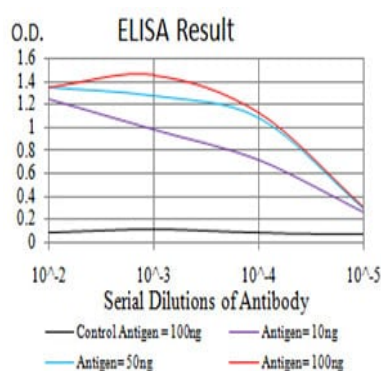


The protein encoded by this gene is highly similar to the gene product of *Schizosaccharomyces pombe rad21*, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells.

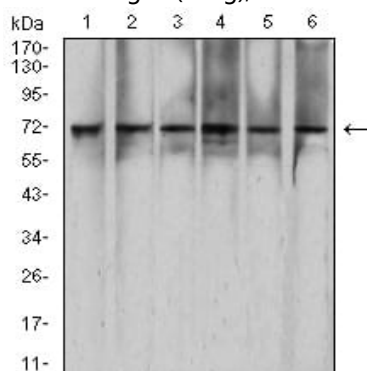
研究领域 (Research Area)

Apoptosis

图片 (Image Data)

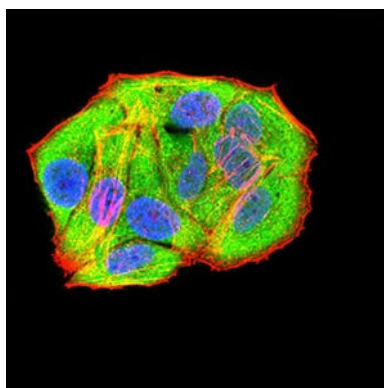


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

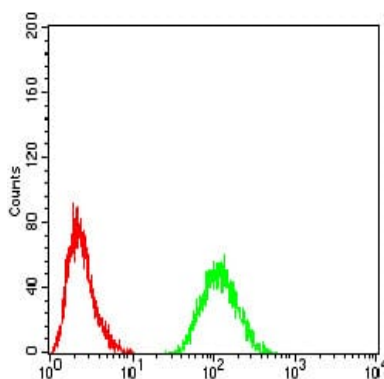


Western blot analysis using RAD21 mouse mAb against HeLa (1), HEK293 (2), K562 (3), C6 (4), *** (5), and COS7 (6) cell lysate.

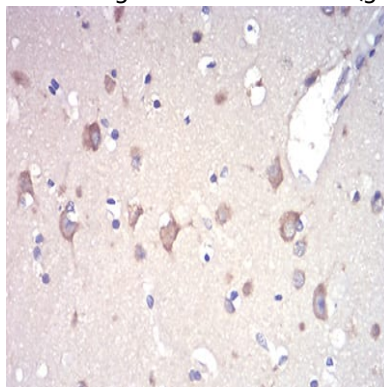
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Immunofluorescence analysis of HeLa cells using RAD21 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

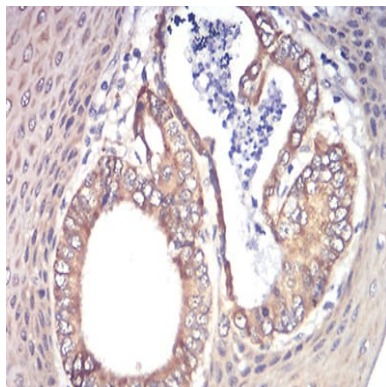


Flow cytometric analysis of HeLa cells using RAD21 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human brain tissues using RAD21 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using RAD21 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .