

产品名称: RAD23B Mouse Monoclonal Antibody
产品货号: AMM82936



产品概述 (Summary)

产品名称 (Production Name)	RAD23B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,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)	RAD23B
别名 (Alternative Names)	P58; HR23B; HHR23B
基因 ID (Gene ID)	5887.0
蛋白 ID (SwissProt ID)	P54727.Purified recombinant fragment of human RAD23B 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 1:100-1:400,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	43.2kDa

研究背景 (Background)

The protein encoded by this gene is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically

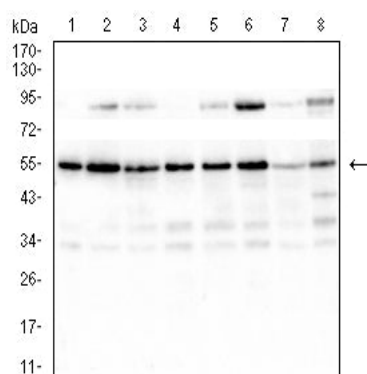
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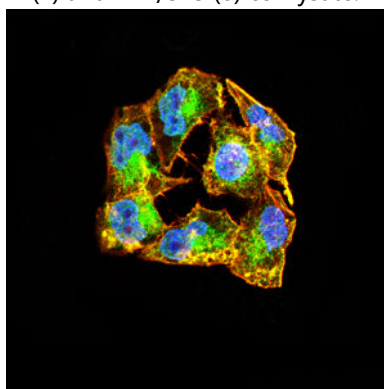
complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

研究领域 (Research Area)

图片 (Image Data)

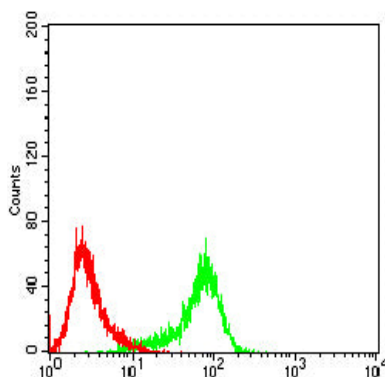


Western blot analysis using RAD23B mouse mAb against K562 (1), Hela (2), A431 (3), HL-60 (4), Jurkat (5), A549 (6), HUVEC (7) and NIH/3T3 (8) cell lysate.

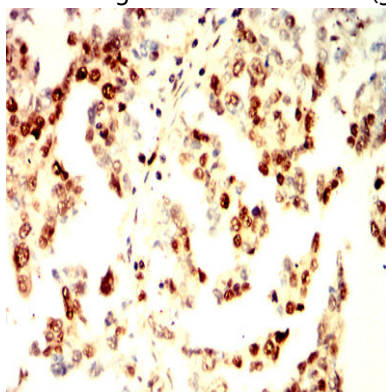


Immunofluorescence analysis of Hela cells using RAD23B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

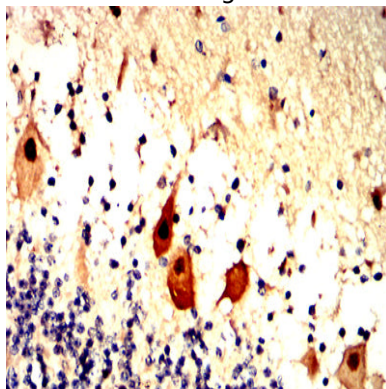
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Flow cytometric analysis of Jurkat cells using RAD23B mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using RAD23B mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using RAD23B mouse mAb with DAB staining.

注意事项 (Note)

For research use only .