

产品名称: MRE11 Mouse Monoclonal Antibody
产品货号: AMM82979



产品概述 (Summary)

产品名称 (Production Name)	MRE11 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, Monkey, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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)	MRE11
别名 (Alternative Names)	ATLD; HNGS1; MRE11A; MRE11B
基因 ID (Gene ID)	4361.0
蛋白 ID (SwissProt ID)	P49959.Purified recombinant fragment of human MRE11 (AA: 182-582) 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)	80.6kDa

研究背景 (Background)

This gene encodes a nuclear protein involved in homologous recombination, telomere length maintenance, and DNA

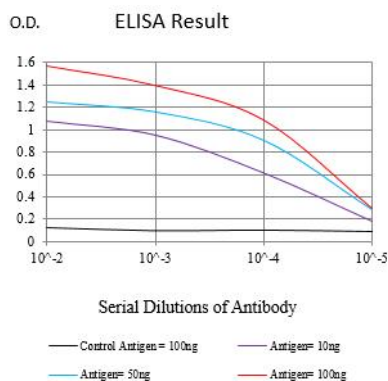
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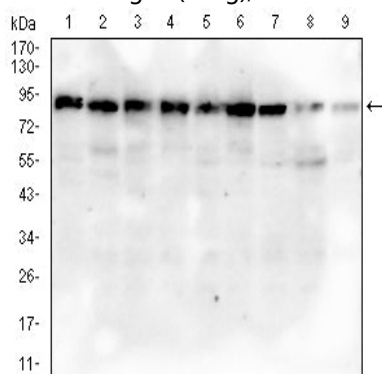
double-strand break repair. By itself, the protein has 3' to 5' exonuclease activity and endonuclease activity. The protein forms a complex with the RAD50 homolog; this complex is required for nonhomologous joining of DNA ends and possesses increased single-stranded DNA endonuclease and 3' to 5' exonuclease activities. In conjunction with a DNA ligase, this protein promotes the joining of noncomplementary ends in vitro using short homologies near the ends of the DNA fragments. This gene has a pseudogene on chromosome 3. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

研究领域 (Research Area)

图片 (Image Data)

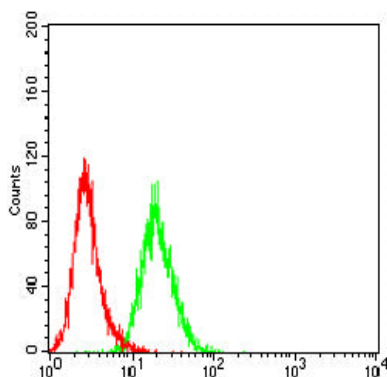


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

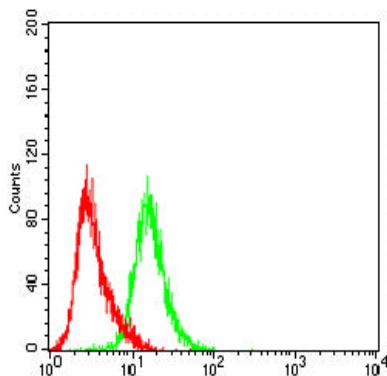


Western blot analysis using MRE11 mouse mAb against Hela (1), A431 (2), MCF-7 (3), Jurkat (4), HepG2 (5), K562 (6), COS-7 (7), PC-12 (8) and NIH/3T3 (9) cell lysate.

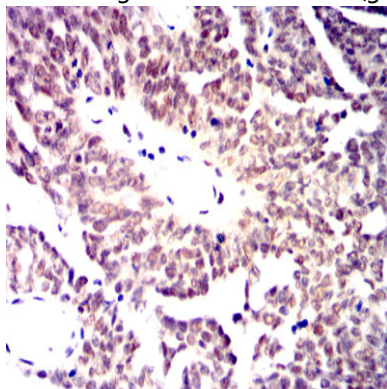
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Flow cytometric analysis of HeLa cells using MRE11 mouse mAb (green) and negative control (red).

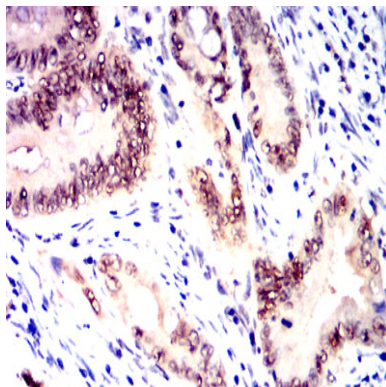


Flow cytometric analysis of K562 cells using MRE11 mouse mAb (green) and negative control (red).

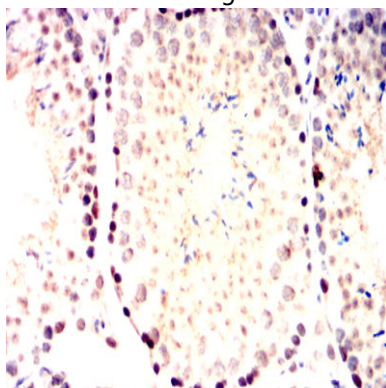


Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using MRE11 mouse mAb with DAB staining.

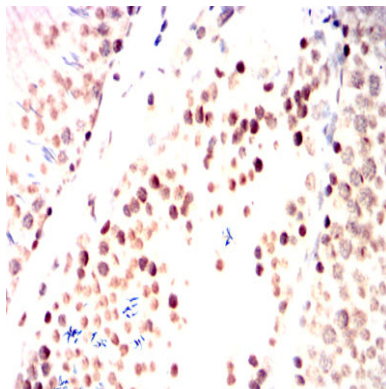
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Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using MRE11 mouse mAb with DAB staining.

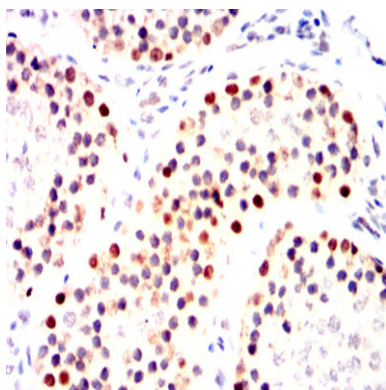


Immunohistochemical analysis of paraffin-embedded Mouse testis tissues using MRE11 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat testis tissues using MRE11 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Rabbit testis tissues using MRE11 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .