

产品名称: UQCRC1 Mouse Monoclonal Antibody
产品货号: AMM82697



产品概述 (Summary)

产品名称 (Production Name)	UQCRC1 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, Mouse, Rat

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)	UQCRC1
别名 (Alternative Names)	QCR1; UQCR1; D3S3191
基因 ID (Gene ID)	7384.0
蛋白 ID (SwissProt ID)	P31930.Purified recombinant fragment of human UQCRC1 (AA: 60-227) 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 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	52.6kDa

研究背景 (Background)

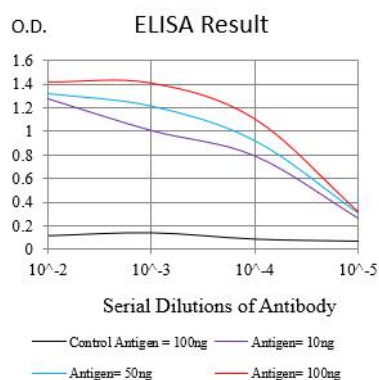
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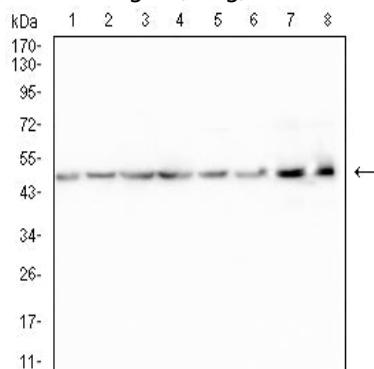
UQCRC1 (Ubiquinol-Cytochrome C Reductase Core Protein 1) is a Protein Coding gene. Diseases associated with UQCRC1 include Leukodystrophy, Hypomyelinating, 4 and Alzheimer Disease. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins. and Cardiac muscle contraction. Gene Ontology (GO) annotations related to this gene include ubiquitin protein ligase binding and ubiquinol-cytochrome-c reductase activity. An important paralog of this gene is PMPCB.

研究领域 (Research Area)

图片 (Image Data)

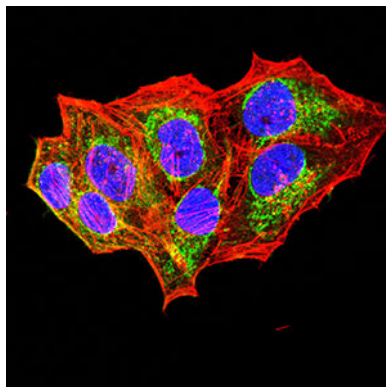


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

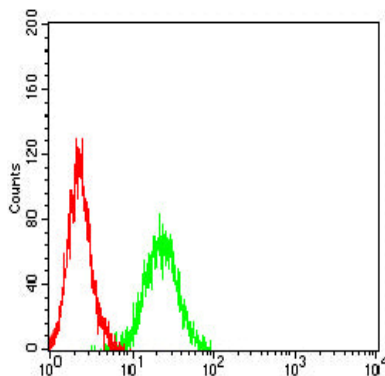


Western blot analysis using UQCRC1 mouse mAb against HeLa (1), A431 (2), HepG2 (3), HEK293 (4), PC-3 (5), SH-SY5Y (6), mouse brain (7), and rat brain (8) cell lysate.

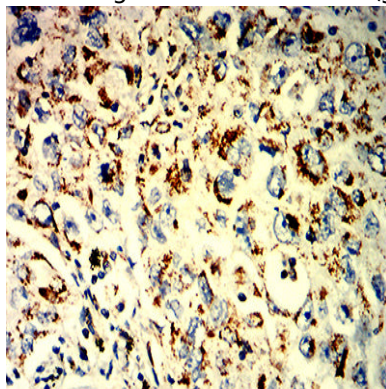
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Immunofluorescence analysis of Hela cells using UQCRC1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

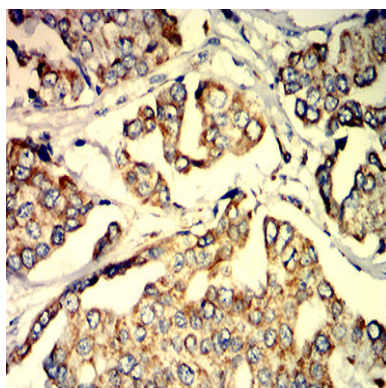


Flow cytometric analysis of Jurkat cells using UQCRC1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using UQCRC1 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using UQCRC1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .