

产品名称: SDHA Mouse Monoclonal Antibody
产品货号: AMM82854



产品概述 (Summary)

产品名称 (Production Name)	SDHA Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ICC,ELISA,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 IgG2a
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)	SDHA
别名 (Alternative Names)	FP; PGL5; SDH1; SDH2; SDHF; CMD1GG; MC2DN1; NDAXOA
基因 ID (Gene ID)	6389.0
蛋白 ID (SwissProt ID)	P31040.Purified recombinant fragment of human SDHA (AA: 516-665) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	72.7KDa

研究背景 (Background)

This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial

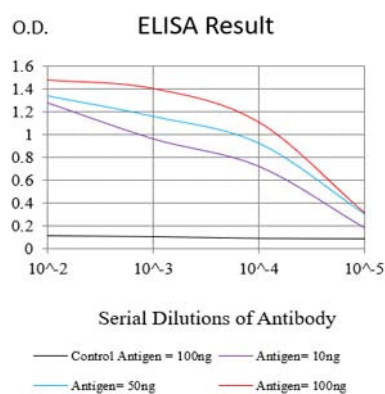
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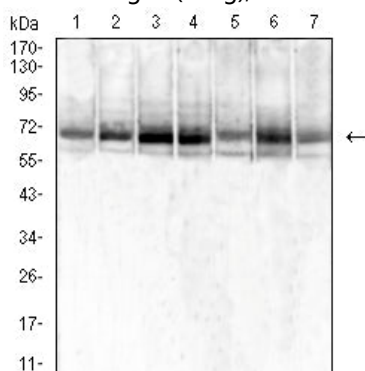
respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

研究领域 (Research Area)

图片 (Image Data)

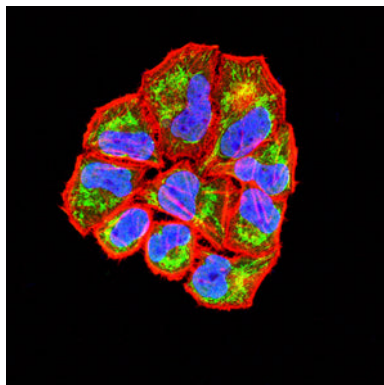


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

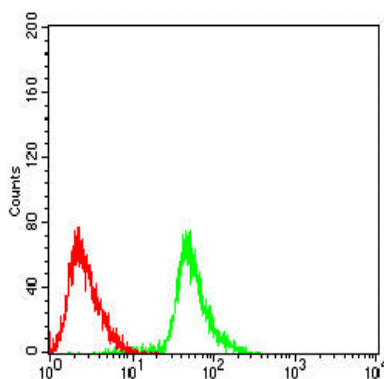


Western blot analysis using SDHA mouse mAb against Jurkat (1), MCF-7 (2), Hela (3), HepG2 (4), PC-3 (5), .HL-60 (6),and NIH/3T3 (7) cell lysate.

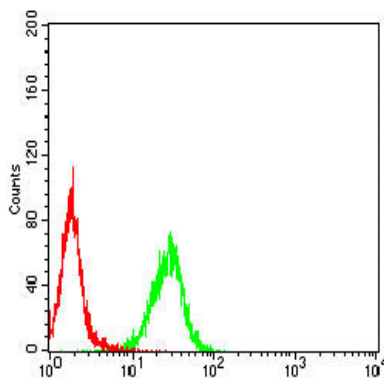
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Immunofluorescence analysis of Hela cells using SDHA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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



Flow cytometric analysis of THP-1 cells using SDHA mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .