

产品名称: IDH2 Mouse Monoclonal Antibody
产品货号: AMM82298



产品概述 (Summary)

产品名称 (Production Name)	IDH2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA,FC
种属反应性 (Reactivity)	Human

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)	IDH2
别名 (Alternative Names)	IDH; IDP; IDHM; IDPM; ICD-M; D2HGA2; mNADP-IDH
基因 ID (Gene ID)	3418.0
蛋白 ID (SwissProt ID)	P48735.Purified recombinant fragment of human IDH2 (AA: 1-143) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	50.9kDa

研究背景 (Background)

Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to

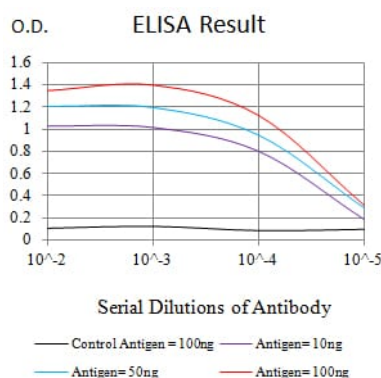
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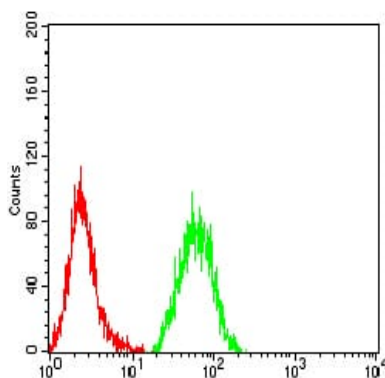
two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP(+)-dependent isozyme is a homodimer. The protein encoded by this gene is the NADP(+)-dependent isocitrate dehydrogenase found in the mitochondria. It plays a role in intermediary metabolism and energy production. This protein may tightly associate or interact with the pyruvate dehydrogenase complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]

研究领域 (Research Area)

图片 (Image Data)

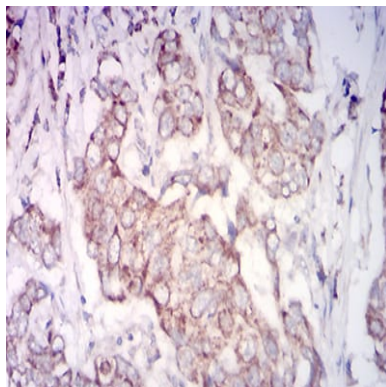


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

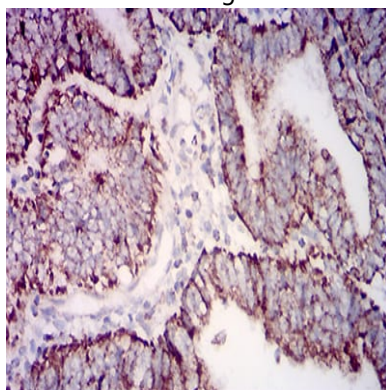


Flow cytometric analysis of Hela cells using IDH2 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using IDH2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using IDH2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .