产品名称：MEF2A Mouse Monoclonal Antibody
产品货号：AMM81295

产品概述（Summary）

产品名称（Production Name）	MEF2A Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	ICC,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）	MEF2A
别名（Alternative Names）	mef2; ADCAD1; RSRFC4; RSRFC9
基因 ID（Gene ID）	4205.0
蛋白 ID（SwissProt ID）	Q02078.Purified recombinant fragment of human MEF2A (AA: 391-497) expressed in E. Coli.

产品应用（Application）

稀释比（Dilution Ratio）	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量（Molecular Weight）	54.8kDa

研究背景（Background）

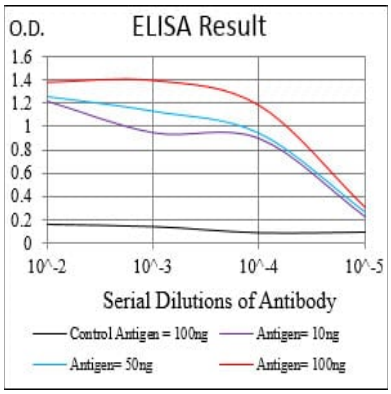
The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-

induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene.

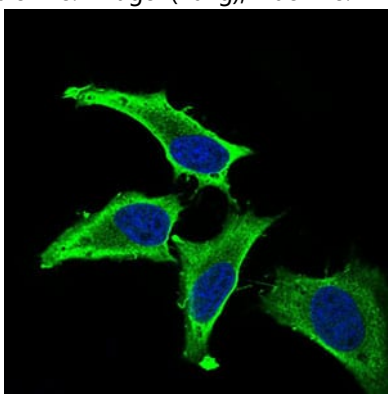
研究领域（Research Area）

Apoptosis

图片（Image Data）



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



Immunofluorescence analysis of Hela cells using MEF2A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)

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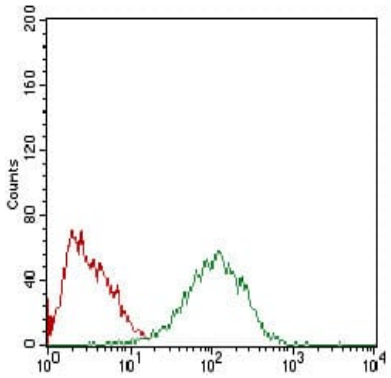

Flow cytometric analysis of HepG2 cells using MEF2A mouse mAb (green) and negative control (red).

注意事项（Note）

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