

产品名称: AXIN1 Mouse Monoclonal Antibody
产品货号: AMM81858



产品概述 (Summary)

产品名称 (Production Name)	AXIN1 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 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)	AXIN1
别名 (Alternative Names)	AXIN; PPP1R49
基因 ID (Gene ID)	8312.0
蛋白 ID (SwissProt ID)	O15169.Purified recombinant fragment of human AXIN1 (AA: 546-752) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC 1:50-1:250,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	95.6kDa

研究背景 (Background)

This gene encodes a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a

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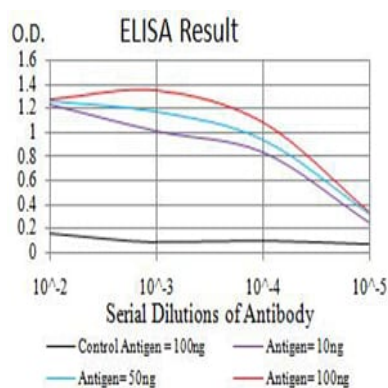


dishevelled and axin (DIX) domain. The encoded protein interacts with adenomatosis polyposis coli, catenin beta-1, glycogen synthase kinase 3 beta, protein phosphatase 2, and itself. This protein functions as a negative regulator of the wingless-type MMTV integration site family, member 1 (WNT) signaling pathway and can induce apoptosis. The crystal structure of a portion of this protein, alone and in a complex with other proteins, has been resolved. Mutations in this gene have been associated with hepatocellular carcinoma, hepatoblastomas, ovarian endometrioid adenocarcinomas, and medullablastomas. Alternative splicing results in multiple transcript variants.

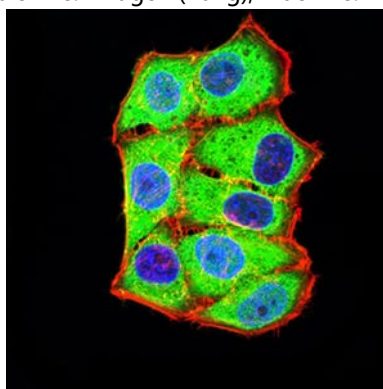
研究领域 (Research Area)

Apoptosis, Wnt signaling pathway

图片 (Image Data)

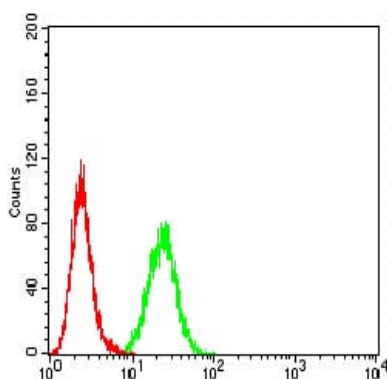


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Immunofluorescence analysis of HeLa cells using AXIN1 mouse mAb (green). Blue: DAPI fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

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Flow cytometric analysis of Hela cells using AXIN1 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .