

产品名称: RHOA Mouse Monoclonal Antibody
产品货号: AMM82785



产品概述 (Summary)

产品名称 (Production Name)	RHOA 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

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)	RHOA
别名 (Alternative Names)	ARHA; ARH12; RHO12; EDFAOB; RHOH12
基因 ID (Gene ID)	387.0
蛋白 ID (SwissProt ID)	P61586.Purified recombinant fragment of human RHOA (AA: 1-190) 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 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	22kDa

研究背景 (Background)

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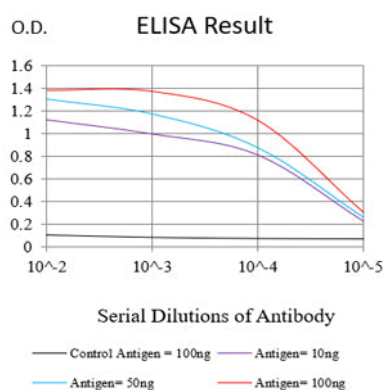


This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]

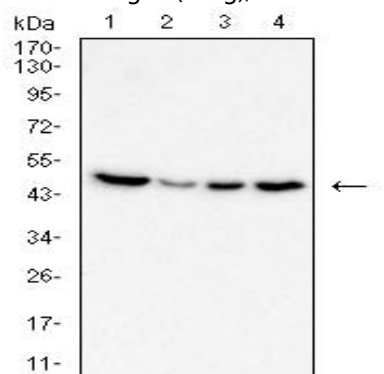
研究领域 (Research Area)

TGF-beta signaling pathway, Hippo signaling pathway

图片 (Image Data)

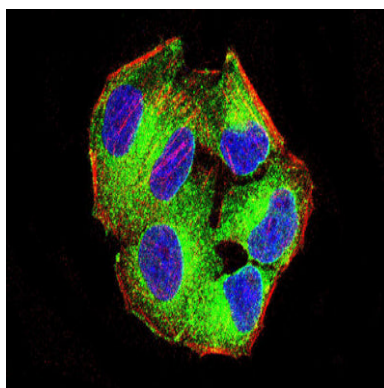


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

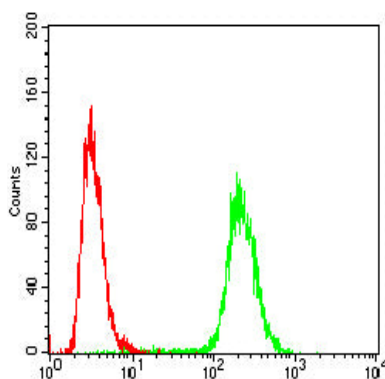


Western blot analysis using RHOA mouse mAb against Jurkat (1), MCF-7 (2), A431 (3), and HeLa (4) cell lysate.

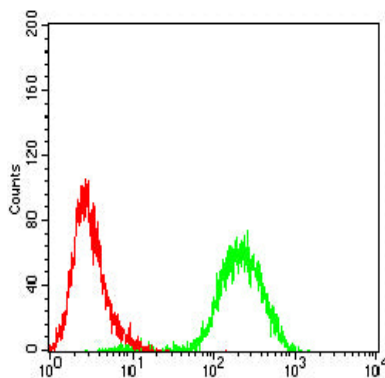
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Immunofluorescence analysis of HeLa cells using RHOA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

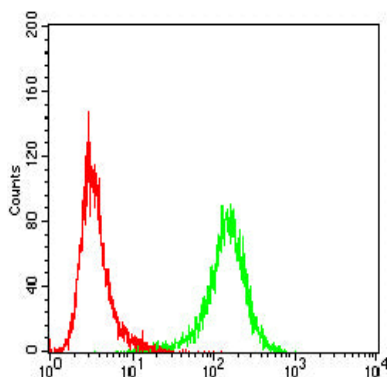


Flow cytometric analysis of HeLa cells using RHOA mouse mAb (green) and negative control (red).

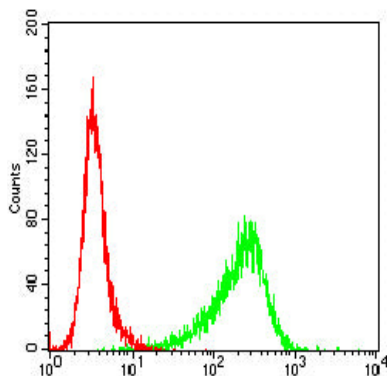


Flow cytometric analysis of HepG2 cells using RHOA mouse mAb (green) and negative control (red).

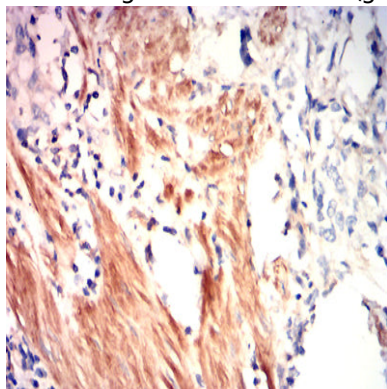
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Flow cytometric analysis of Jurkat cells using RHOA mouse mAb (green) and negative control (red).

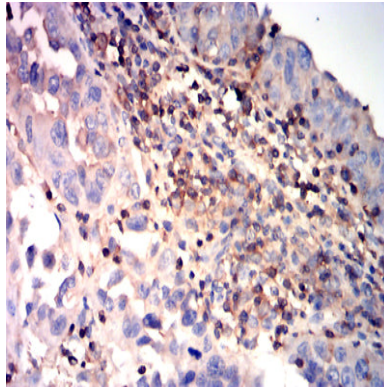


Flow cytometric analysis of K562 cells using RHOA mouse mAb (green) and negative control (red).



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

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

注意事项 (Note)

For research use only .