

产品名称: ACTA2 Mouse Monoclonal Antibody
产品货号: AMM82400



产品概述 (Summary)

产品名称 (Production Name)	ACTA2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,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 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)	ACTA2
别名 (Alternative Names)	ACTSA; α -Smooth Muscle Actin;Alpha-actin-2;Alpha actin 2
基因 ID (Gene ID)	59.0
蛋白 ID (SwissProt ID)	P62736.Purified recombinant fragment of human ACTA2 (AA: E(ace)EEDSTALVCDNGSGc) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	42kDa

研究背景 (Background)

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility,

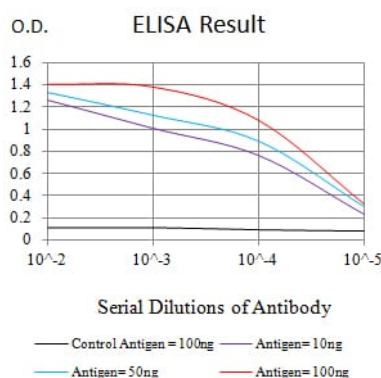
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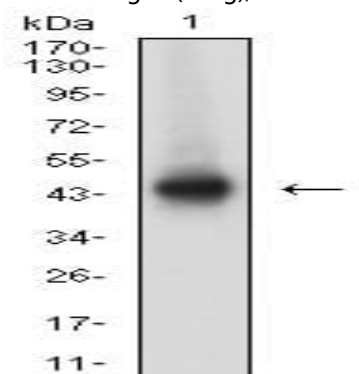
structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations in this gene cause a variety of vascular diseases, such as thoracic aortic disease, coronary artery disease, stroke, and Moyamoya disease, as well as multisystemic smooth muscle dysfunction syndrome.

研究领域 (Research Area)

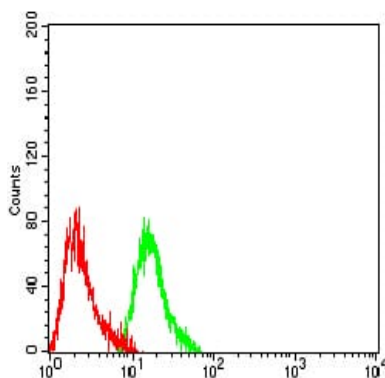
图片 (Image Data)



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



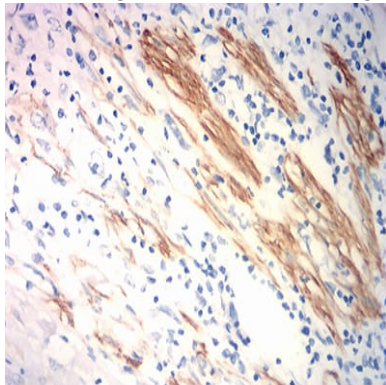
Western blot analysis using ACTA2 mouse mAb against NIH/3T3 (1) cell lysate.



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Flow cytometric analysis of Hela cells using ACTA2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using ACTA2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .