

产品名称: SMAD4 Mouse Monoclonal Antibody
产品货号: AMM80884



产品概述 (Summary)

产品名称 (Production Name)	SMAD4 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,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)	SMAD4
别名 (Alternative Names)	JIP; DPC4; MADH4; SMAD4
基因 ID (Gene ID)	4089.0
蛋白 ID (SwissProt ID)	Q13485.Purified recombinant fragment of human SMAD4 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)	65kDa

研究背景 (Background)

Common mediator of signal transduction by TGF-beta (transforming growth factor) superfamily; SMAD4 is the common

产品名称: SMAD4 Mouse Monoclonal Antibody
产品货号: AMM80884

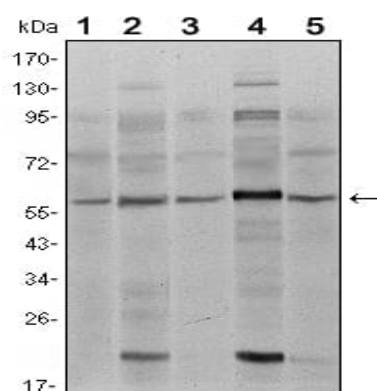


SMAD (co-SMAD). Promotes binding of the SMAD2/SMAD4/FAST-1 complex to DNA and provides an activation function required for SMAD1 or SMAD2 to stimulate transcription. May act as a tumor suppressor. Mutations or deletions in this gene have been shown to result in pancreatic cancer, juvenile polyposis syndrome, and hereditary hemorrhagic telangiectasia syndrome.

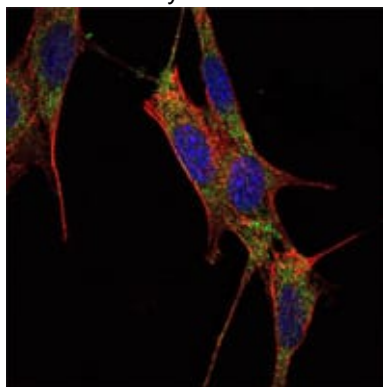
研究领域 (Research Area)

TGF-beta signaling pathway

图片 (Image Data)

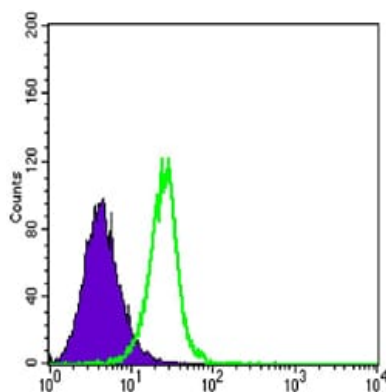


Western blot analysis using SMAD4 mouse mAb against A431 (1), SK-N-SH (2), K562 (3), HepG2 (4) and HUVE12 (5) cell lysate.

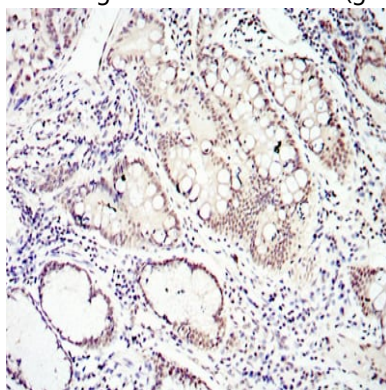


Immunofluorescence analysis of NIH/3T3 cells using SMAD4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

产品名称: SMAD4 Mouse Monoclonal Antibody
产品货号: AMM80884



Flow cytometric analysis of K562 cells using SMAD4 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using SMAD4 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .