

产品名称: Smad2 Rabbit Monoclonal Antibody
产品货号: AMRe83798



产品概述 (Summary)

产品名称 (Production Name)	Smad2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ICC,FC,IP
种属反应性 (Reactivity)	Human,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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,0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Smad2
别名 (Alternative Names)	JV18-1; MADH2; MADR2; Mad-related protein 2; Mothers against DPP homolog 2; Mothers against decapentaplegic homolog 2; Smad2;;SMAD2
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	Q15796.A synthesized peptide derived from human SMAD2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 52 kDa ; Observed MW: 58 kDa

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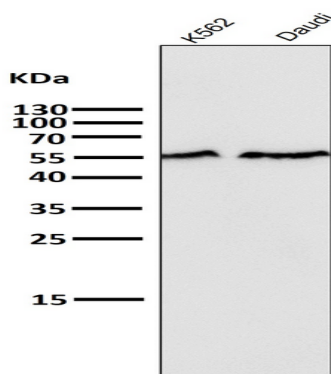


研究背景 (Background)

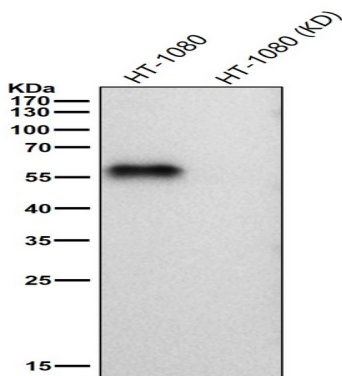
Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD2/SMAD4 complex, activates transcription. Promotes TGFβ1-mediated transcription of odontoblastic differentiation genes in dental papilla cells (By similarity).

研究领域 (Research Area)

图片 (Image Data)

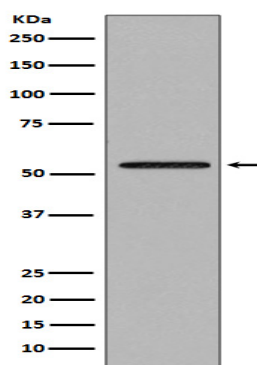


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

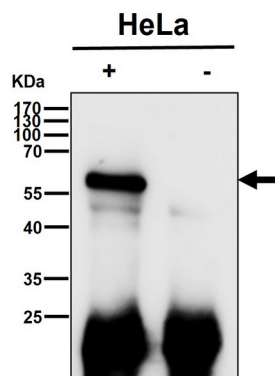


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

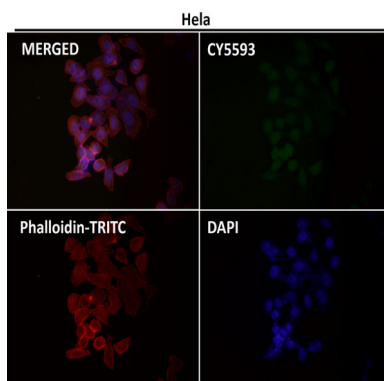
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Western blot analysis of Smad2 expression in Jurkat cell lysate.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution)



Immunofluorescent analysis using the Antibody at 1:50 dilution.

注意事项 (Note)

For research use only .