

产品名称: Smad2 Rabbit Monoclonal Antibody
产品货号: AMRe21514



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,ICC/IF,ELISA,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG,Kappa
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)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
纯化方式 (Purification)	Protein A

免疫原信息 (Immunogen)

基因名 (Gene Name)	SMAD2 SMAD2;MADH2;MADR2;Mothers against decapentaplegic homolog 2;MAD
别名 (Alternative Names)	homolog 2;Mothers against DPP homolog 2;JV18-1;Mad-related protein 2;hMAD-2;SMAD family member 2;SMAD 2;Smad2;hSMAD2
基因 ID (Gene ID)	4087.0
蛋白 ID (SwissProt ID)	Q15796.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW:58kD;Observed MW:58kD

研究背景 (Background)

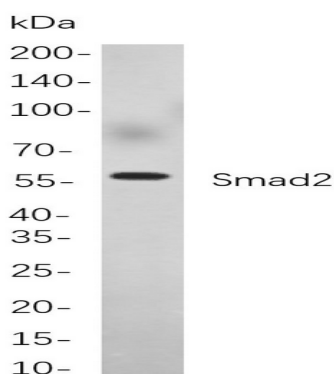
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Cell localization: Cytoplasm, Nuclear. The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the *Drosophila* gene *mothers against decapentaplegic* (*Mad*) and the *C. elegans* gene *Sma*. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein mediates the signal of the transforming growth factor (TGF)- β , and thus regulates multiple cellular processes, such as cell proliferation, apoptosis, and differentiation. This protein is recruited to the TGF- β receptors through its interaction with the SMAD anchor for receptor activation (SARA) protein. In response to TGF- β signal, this protein is phosphorylated by the TGF- β receptors. The phosphorylation induces the dissociation of this protein with SARA and the association with the family member SMAD4. The association with SMAD4 is important for the translocation

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from A549 treated with TPA of 48 hours cells, using Smad2 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

注意事项 (Note)

For research use only .