

产品名称: Phospho-Smad2 (S255) (16D10) Rabbit Monoclonal Antibody
产品货号: AMRe06009



产品概述 (Summary)

产品名称 (Production Name)	Phospho-Smad2 (S255) (16D10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
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, Smad 2;
基因 ID (Gene ID)	4087.0
蛋白 ID (SwissProt ID)	Q15796.A synthetic phosphopeptide corresponding to residues surrounding Ser250 of human Smad2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,FC 1:20-1:50
蛋白分子量 (Molecular Weight)	52,48kDa

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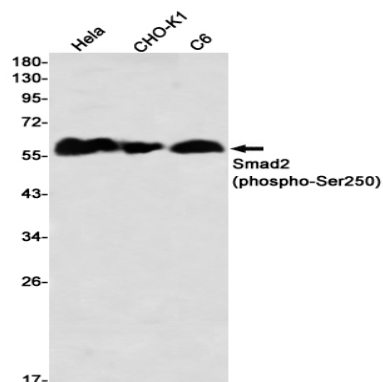
研究背景 (Background)

SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein mediates the signal of the transforming growth factor (TGF)-beta, and thus regulates multiple cellular processes, such as cell proliferation, apoptosis, and differentiation. 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. May act as a tumor suppressor in colorectal carcinoma. Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a negative regulator.

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot detection of Smad2 (phospho-Ser250) in HeLa, CHO-K1, C6 using Smad2 (phospho-Ser250) antibody (1:1000 diluted).

注意事项 (Note)

For research use only .