

Smad2 (3F7) Rabbit Monoclonal Antibody

Catalog# UZ-MA04380

Product information

产品货号	UZ-MA04380
别名	JV18-1; MADH2; MADR2; Mad-related protein 2; Mothers against DPP homolog 2; Mothers against decapentaplegic homolog 2; Smad2;
产品名称	Smad2 (3F7) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	SMAD2
推荐应用	WB,IHC-P,IF-P,IF-ICC,FCM,IP
反应种属	Human,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	4087
Human Swissprot No.	Q15796
免疫原	A synthetic peptide of human Smad2
稀释度	WB 1:1000-1:5000, IHC-P/IF-P 1:50, IF-ICC 1:100-1:200, FCM 1:20-1:100, IP 1:20-1:50
参考分子量	52kDa
预测分子量	52kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	Smad2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	Cytoplasm. Nucleus. Note=Cytoplasmic and nuclear in the absence of TGF-beta. On TGF-beta stimulation, migrates to the nucleus when complexed with SMAD4 (PubMed: 9865696, PubMed:21145499). On dephosphorylation by phosphatase PPM1A, released from the SMAD2/SMAD4 complex, and exported out of the nucleus by interaction with RANBP1 (PubMed:16751101, PubMed:19289081). Localized mainly to the nucleus in the early stages of embryo development with expression becoming evident in the cytoplasm at the blastocyst and epiblast stages (By similarity) {ECO:0000250 UniProtKB:Q62432, ECO:0000269 PubMed:16751101, ECO:0000269 PubMed:19289081, ECO:0000269 PubMed:21145499, ECO:0000269 PubMed:9865696}
Clonality	Monoclonal