

Smad2 (Phospho S255) (16D10) Rabbit Monoclonal Antibody

Catalog# UZ-MA04381

Product information

产品货号	UZ-MA04381
别名	JV18-1, MADH2, MADR2, Mad-related protein 2, Mothers against DPP homolog 2, Mothers against decapentaplegic homolog 2, Smad 2;
产品名称	Smad2 (Phospho S255) (16D10) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	SMAD2
推荐应用	WB,FCM
反应种属	Human,Mouse,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 phosphopeptide corresponding to residues surrounding Ser250 of human Smad2
稀释度	WB 1:1000-1:5000, FCM 1:20-1:50
参考分子量	58,62kDa
预测分子量	52,48kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	Phospho-Smad2 (S255) 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