

Smad1 (12U10) Rabbit Monoclonal Antibody

Catalog# UZ-MA04376

Product information

产品货号	UZ-MA04376
别名	BSP1; JV41; BSP-1; JV4-1; MADH1; MADR1
产品名称	Smad1 (12U10) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,FCM
反应种属	Human
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.
免疫原	A synthetic peptide of human Smad1
稀释度	WB 1:1000-1:5000, IHC-P/IF-P 1:50-1:100, FCM 1:200-1:500
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
背景介绍	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 signals of the bone morphogenetic proteins (BMPs), which are involved in a range of biological activities including cell growth, apoptosis, morphogenesis, development and immune responses. In response to BMP ligands, this protein can be phosphorylated and activated by the BMP receptor kinase. The phosphorylated form of this protein forms a complex with SMAD4, which is important for its function in the transcription regulation. This protein is a target for SMAD-specific E3 ubiquitin ligases, such as SMURF1 and SMURF2, and undergoes ubiquitination and proteasome-mediated degradation. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]
纯化	Affinity Purification
Uniprot ID	Q15797
Clonality	Monoclonal