

Immunotag™ Phospho-Smad1 (Ser465) Antibody

Antibody Specification	
Catalog No.	ITA1220
Product Description	Immunotag™ Phospho-Smad1 (Ser465) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Smad1 (Ser465)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA 1:20000-1:40000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Smad1 around the phosphorylation site of Serine 465
Specificity	Phospho-Smad1 (Ser465) Antibody detects endogenous levels of Smad1 only when phosphorylated at Serine 465

Antibody Specification

Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SMAD1
Accession No.	Q15797
Alternate Names	BSP-1; BSP1; HsMAD1; JV4-1; JV41; MAD homolog 1; MAD mothers against decapentaplegic homolog 1; Mad related protein 1; Mad-related protein 1; MADH1; MADR1; Mothers against decapentaplegic homolog 1; Mothers against DPP homolog 1; SMA- AND MAD-RELATED PROTEIN 1; SMAD 1; SMAD family member 1; SMAD mothers against DPP homolog 1; Smad1; SMAD1_HUMAN; TGF beta signaling protein 1; Transforming growth factor-beta-signaling protein 1;
Description	Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1. May act synergistically with SMAD4 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	60kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.