

Smad2/3(Phospho-Thr8) Antibody [#8A1001]

Catalog Number:	8A1001
Concentration:	1mg/ml
Origin of Antibody:	Rabbit
Swiss-Prot No.:	P84022/Q15796
Other Names:	JV15-2, MAD-3, MADH3, Mad3, Mothers against DPP homolog 3, Mothers against decapentaplegic homolog 3, SMAD 3, Smad 3; JV18-1, MADH2, MADR2, Mad-related protein 2, Mothers against DPP homolog 2, Mothers against decapentaplegic homolog 2, Smad 2
All Sites:	Human: Thr8; Mouse: Thr8; Rat: Thr8
Storage/Stability:	Store at -20°C/1 year
Form of Antibody:	Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human Smad2/3 around the phosphorylation site of threonine 8 (P-F-T ^P -P-P)
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Specificity:	Smad2/3 (Phospho-Thr8) antibody detects endogenous levels of Smad2/3 only when phosphorylated at threonine 8.
Reactivity:	Human, Mouse, Rat.
Applications:	WB: 1:500~1:1000 ELISA: 1:10000
References:	Zhang Y., Nature 383:168-172(1996). Riggins G.J., Nat. Genet. 13:347-349(1996). Arai T., Cancer Lett. 122:157-163(1998).