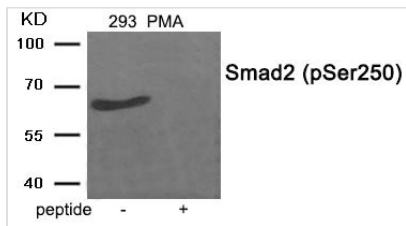


Phospho-SMAD2 (Ser250) Antibody

Product Code	CSB-PA788461
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q15796
Immunogen	Peptide sequence around phosphorylation site of serine250(E-L-S(p)-P-T) derived from Human Smad2 .
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of Smad2 only when phosphorylated at serine 250.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Transcriptional modulator activated by TGF-beta and activin type 1 receptor kinase. SMAD2 is a receptor-regulated SMAD (R-SMAD). May act as a tumor suppressor in colorectal carcinoma. Fransvea E, Mazzocca A, Antonaci S, Giannelli G (2009)Hepatology 49, 839-50 . Funaba M, Zimmerman CM, Mathews LS (2002)J Biol Chem 277, 41361-8. Kretzschmar M, Doody J, Timokhina I, MassaguJ (1999)Genes Dev 13, 804-16 .
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usi
Clonality	Polyclonal
Alias	JV18-1; MADH2; Mad-related protein 2; Mothers against DPP homolog 2;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	SMAD2
Image	 Western blot analysis of extracts from 293 cells treated with PMA using Phospho-Smad2 (Ser250) antibody. The lane on the right is treated with the antigen-specific peptide.
Product Modify	Phospho-Ser250