

Product Data Sheet

SMAD2/3 (AcK19) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5371	Synthetic	H, M, R, B, C, P, Z	BL
Description	The peptide is used to block Anti-SMAD2/3 (AcK19) Antibody (#CPA5371) reactivity.		
Form	Lyophilized powder		
Gene Symbol	SMAD2; SMAD3		
Alternative Names	SMAD2; MADH2; MADR2; Mothers against decapentaplegic homolog 2; MAD homolog 2; Mothers against DPP homolog 2; JV18-1; Mad-related protein 2; hMAD-2; SMAD family member 2; SMAD 2; Smad2; hSMAD2; SMAD3; MADH3; Mothers against decapentaplegic homolog 3; MAD		
Entrez Gene	4087, 4088 (Human); 17126, 17127 (Mouse); 29357, 25631 (Rat)		
SwissProt	Q15796, P84022 (Human); Q62432, Q8BUN5 (Mouse); O70436, P84025 (Rat)		
Purity	>85%		
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.		
Directions for Use	Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours.		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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