

Product Data Sheet

SMAD5 Blocking Peptide

| Catalog # | Source | Reactivity | Applications |
|---------------------------|---|---------------|--------------|
| CBP1710 | Synthetic | H, M, R, R, S | BL |
| Description | The peptide is used to block Anti-SMAD5 Antibody (#CPA1710) reactivity. | | |
| Form | Lyophilized powder | | |
| Gene Symbol | SMAD5 | | |
| Alternative Names | MADH5; Mothers against decapentaplegic homolog 5; MAD homolog 5; Mothers against DPP homolog 5; JV5-1; SMAD family member 5; SMAD 5; Smad5; hSmad5 | | |
| Entrez Gene | 4090 (Human); 17129 (Mouse); 59328 (Rat) | | |
| SwissProt | Q99717 (Human); P97454 (Mouse); Q9R1V3 (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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