

Product Data Sheet

Collagen-pan Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5844	Synthetic	H, M, R, B, C, D	BL
Description	The peptide is used to block Anti-Collagen-pan Antibody (#CPA5844) reactivity.		
Form	Lyophilized powder		
Gene Symbol	COL1A1;COL2A1;COL3A1;COL5A1		
Alternative Names	Collagen alpha-1(I) chain; Alpha-1 type I collagen; Collagen alpha-1(II) chain; Alpha-1 type II collagen; Collagen alpha-1(III) chain		
Entrez Gene	1277, 1280, 1281, 1289 (Human); 12842, 12824, 12825, 12831 (Mouse); 29393, 25412, 84032, 85490 (Rat)		
SwissProt	P02452, P02458, P02461, P20908 (Human); P11087, P28481, P08121, O88207 (Mouse); P02454, P05539, P13941, Q9JI03 (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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