

Product Data Sheet

Histone H2B (AcK85) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5848	Synthetic	H, M, R, B, C	BL
Description	The peptide is used to block Anti-Histone H2B (AcK85) Antibody (#CPA5848) reactivity.		
Form	Lyophilized powder		
Gene Symbol	HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG; HIST1H2BI; HIST1H2BD; HIST1H2BH; HIST1H2BK; HIST1H2BL; HIST1H2BM; HIST1H2BN; HIST2H2BF; H2BFS		
Alternative Names	HIST1H2BB; H2BFF; Histone H2B type 1-B; Histone H2B.1; Histone H2B.f; H2B/f; HIST1H2BC; H2BFL; HIST1H2BE; H2BFH; HIST1H2BF; H2BFG; HIST1H2BG; H2BFA; HIST1H2BI; H2BFK; Histone H2B type 1-C/E/F/G/I; Histone H2B.1 A; Histone H2B.a; H2B/a; Histone H2B.g; H2B/		
Entrez Gene	3017, 8339, 8343, 8344, 8346, 8347, 3017, 8345, 85236, 8340, 8342, 8341, 440689 (Human); 319178, 319179, 319182 (Mouse)		
SwissProt	P33778, P62807, P58876, Q93079, P06899, O60814, Q99880, Q99879, Q99877, P23527 (Human); Q64475, Q6ZWY9, Q64478 (Mouse)		
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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