

PDE4B/C/D Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP1863	Synthetic	H	BL
Description	The peptide is used to block Anti-PDE4B/C/D Antibody (#CPA1863) reactivity.		
Form	Lyophilized powder		
Gene Symbol	PDE4B; PDE4C; PDE4D		
Alternative Names	PDE4B; DPDE4; cAMP-specific 3',5'-cyclic phosphodiesterase 4B; DPDE4; PDE32; PDE4C; DPDE1; cAMP-specific 3',5'-cyclic phosphodiesterase 4C; DPDE1; PDE21; PDE4D; DPDE3; cAMP-specific 3',5'-cyclic phosphodiesterase 4D; DPDE3; PDE43		
Entrez Gene	5144, 5142, 5143 (Human)		
SwissProt	Q5TAG4, Q6P3W6, Q5SXJ2, Q3BBV0, Q3BBW0, Q3BBV1, Q8N660, Q5TI25 (Human)		
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

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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