

Product Data Sheet

Beta-tubulin (AcK379) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5373	Synthetic	H, M, R, B, C, P	BL
Description	The peptide is used to block Anti-Beta-tubulin (AcK379) Antibody (#CPA5373) reactivity.		
Form	Lyophilized powder		
Gene Symbol	TUBB2A; TUBB2B; TUBB3; TUBB4A; TUBB4B; TUBB; TUBB6		
Alternative Names	TUBB2A; TUBB2; Tubulin beta-2A chain; TUBB2B; Tubulin beta-2B chain; TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III; TUBB4A; TUBB4; TUBB5; Tubulin beta-4A chain; Tubulin 5 beta; Tubulin beta-4 chain; TUBB4B; TUBB2C; Tubulin bet		
Entrez Gene	7280, 347733, 10381, 10382, 10383, 203068, 84617 (Human); 22151, 73710, 22152, 22153 (Mouse); 498736, 291081, 246118 (Rat)		
SwissProt	Q13885, Q9BVA1, Q13509, P04350, P68371, P07437, Q9BUF5, (Human); Q7TMM9, Q9CWF2, Q9ERD7, Q9D6F9 (Mouse); P85108, Q3KRE8, Q4QRB4 (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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