

# Product Data Sheet

## Beta-tubulin Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP3529	Synthetic	H, M, R	BL
<b>Description</b>	The peptide is used to block Anti-Beta-tubulin Antibody (#CPA3529) reactivity.		
<b>Form</b>	Lyophilized powder		
<b>Gene Symbol</b>	TUBB1; TUBB2A; TUBB2B; TUBB4B; TUBB		
<b>Alternative Names</b>	TUBB1; Tubulin beta-1 chain; TUBB2A; TUBB2; Tubulin beta-2A chain; TUBB2B; Tubulin beta-2B chain; TUBB4B; TUBB2C; Tubulin beta-4B chain; Tubulin beta-2 chain; Tubulin beta-2C chain; TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-II		
<b>Entrez Gene</b>	81027, 7280, 347733, 10383, 10381, 56604, 10382, 203068, 84617, 347688 (Human); 545486, 22151, 73710, 227613 (Mouse); 498736, 291081, 296554 (Rat)		
<b>SwissProt</b>	Q9H4B7, Q13885, Q9BVA1, P68371, Q13509, Q99867, P04350, P07437, Q9BUF5, Q3ZCM7 (Human); A2AQ07, Q7TMM9, Q9CWF2, P68372 (Mouse); P85108, Q3KRE8, Q6P9T8 (Rat)		
<b>Purity</b>	>85%		
<b>Quality Control</b>	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.		
<b>Directions for Use</b>	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.		
<b>Storage/Stability</b>	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

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com