

## MARK Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP4925	Synthetic	H, M, R, Z	BL
<b>Description</b>	The peptide is used to block Anti-MARK Antibody (#CPA4925) reactivity.		
<b>Form</b>	Lyophilized powder		
<b>Gene Symbol</b>	MARK1; MARK2; MARK3; MARK4		
<b>Alternative Names</b>	MARK1; KIAA1477; MARK; Serine/threonine-protein kinase MARK1; MAP/microtubule affinity-regulating kinase 1; PAR1 homolog c; Par-1c; Par1c; MARK2; EMK1; Serine/threonine-protein kinase MARK2; ELKL motif kinase 1; EMK-1; MAP/microtubule affinity-regulating		
<b>Entrez Gene</b>	4139; 2011; 4140; 57787 (Human); 226778; 13728; 17169; 232944 (Mouse); 117016; 60328; 170577 (Rat)		
<b>SwissProt</b>	Q9P0L2; Q7KZI7; P27448; Q96L34 (Human); Q8VHJ5; Q05512; Q03141; Q8CIP4 (Mouse); O08678; O08679; Q8VHF0 (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

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