

Product Data Sheet

Myosin-pan (AcK505) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5370	Synthetic	H, M, R, B, B, D, P	BL
Description	The peptide is used to block Anti-Myosin-pan (AcK505) Antibody (#CPA5370) reactivity.		
Form	Lyophilized powder		
Gene Symbol	MYH1; MYH2; MYH3; PTPRJ; MYH6; MYH7; MYH8		
Alternative Names	MYH1; Myosin-1; Myosin heavy chain 1; Myosin heavy chain 2x; MyHC-2x; Myosin heavy chain IIx/d; MyHC-IIx/d; Myosin heavy chain, skeletal muscle, adult 1; MYH2; MYHSA2; Myosin-2; Myosin heavy chain 2; Myosin heavy chain 2a; MyHC-2a; Myosin heavy chain IIa;		
Entrez Gene	4619, 4620, 4621, 5795, 4624, 4625, 4626 (Human); 17879, 17883, 17884 (Mouse); 24583, 360543 (Rat)		
SwissProt	P12882, Q9UKX2, P11055, Q9Y623, P13533, P12883, P13535 (Human); Q5SX40, P13541, Q5SX39 (Mouse); P12847, Q29RW1 (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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