For research purposes only, not for human use

Product Data Sheet

CFTR Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP3849	Synthetic	H, M, R, Mk, Rb	BL

Description	The peptide is used to block Anti-CFTR Antibody (#CPA3849) reactivity.
Form	Lyophilized powder
Gene Symbol	CFTR
Alternative Names	ABCC7; Cystic fibrosis transmembrane conductance regulator; CFTR; ATP-binding cassette sub-family C member 7; Channel conductance-controlling ATPase; cAMP-dependent chloride channel
Entrez Gene	1080 (Human); 12638 (Mouse); 24255 (Rat)
SwissProt	P13569 (Human); P26361 (Mouse); P34158 (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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