

Product Data Sheet

HLA-A/B/C Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP3628	Synthetic	H, M, R, Rb	BL
Description	The peptide is used to block Anti-HLA-A/B/C Antibody (#CPA3628) reactivity.		
Form	Lyophilized powder		
Gene Symbol	HLA-A; HLA-B; HLA-C		
Alternative Names	HLA-A; HLAA; HLA class I histocompatibility antigen, A-68 alpha chain; Aw-68; HLA class I histocompatibility antigen, A-28 alpha chain; MHC class I antigen A*68; HLA-A; HLAA; HLA class I histocompatibility antigen, A-2 alpha chain; MHC class I antigen A*2		
Entrez Gene	3105, 3106, 3107 (Human)		
SwissProt	P01891, P01892, P04439, P05534, P10314, P10316, P13746, P16189, P18462, P30443, P30450, P30453, P30455, P30456, P30457, P30512, Q09160 (Human)		
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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