

Product Data Sheet

VEGFR2 (pY1054/Y1063) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5881	Synthetic	H, M, R, Z	BL
Description	The peptide is used to block Anti-VEGFR2 (pY1054/Y1063) Antibody (#CPA5881) reactivity.		
Form	Lyophilized powder		
Gene Symbol	KDR; FLT4		
Alternative Names	KDR; FLK1; VEGFR2; Vascular endothelial growth factor receptor 2; VEGFR-2; Fetal liver kinase 1; FLK-1; Kinase insert domain receptor; KDR; Protein-tyrosine kinase receptor flk-1; CD309; FLT4; VEGFR3; Vascular endothelial growth factor receptor 3; VEGFR-3		
Entrez Gene	3791, 2324 (Human); 14257 (Mouse); 25589, 114110 (Rat)		
SwissProt	P35968, P35916 (Human); P35918, P35917 (Mouse); O08775, Q91ZT1 (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

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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