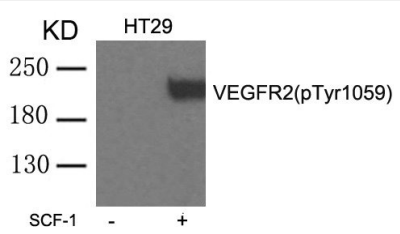
Phospho-KDR (Tyr1059) Antibody

Product Code	CSB-PA444815
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P35968
Immunogen	Peptide sequence around phosphorylation site of tyrosine 1059 (P-D-Y(p)-V-R)derived from Human VEGFR2.
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at Tyrosine 1059.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Receptor for VEGF or VEGFC. Has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions Zeng H, et al. (2001) J Biol Chem. 276(35): 32714-32719. Dougher M, et al. (1999) Oncogene. 18(8): 1619-1627.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Clonality	Polyclonal
Alias	FLK1; CD309; VEGFR; KDR;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KDR
Image	 Western blot analysis of extracts from HT29 cells untreated or treated with SCF-1 using VEGFR2(phospho-Tyr1059) Antibody.
Product Modify	Phospho-Tyr1059