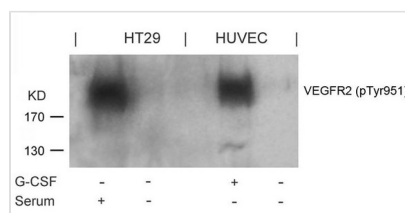


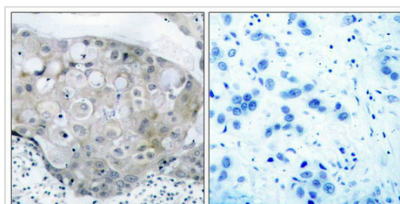
Phospho-KDR (Tyr951) Antibody

Product Code	CSB-PA200726
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P35968
Immunogen	Peptide sequence around phosphorylation site of tyrosine 951 (K-D-Y(p)-V-G) derived from Human VEGFR2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at tyrosine 951.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
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 Mg ²⁺ and Ca ²⁺), 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 chromatography
Clonality	Polyclonal
Alias	FLK1; KDR; VEGFR2; VEGR2; kinase insert domain receptor
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KDR

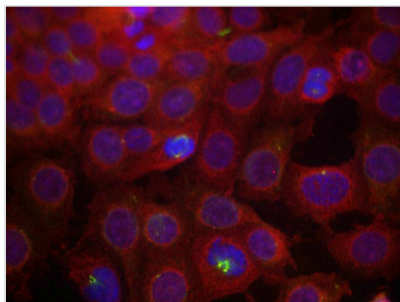
Image



Western blot analysis of extracts from G-CSF-treated HUVEC and serum-treated HT29 cells using VEGFR2(Phospho-Tyr951) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using VEGFR2(Phospho-Tyr951) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF7 cells using VEGFR2(Phospho-Tyr951) Antibody.

Product Modify
Phospho-Tyr951