VEGFR2(phospho-Tyr1059) Antibody

Catalog No: #11531

Package Size: #11531-1 50ul #11531-2 100ul #11531-4 25ul

Overview

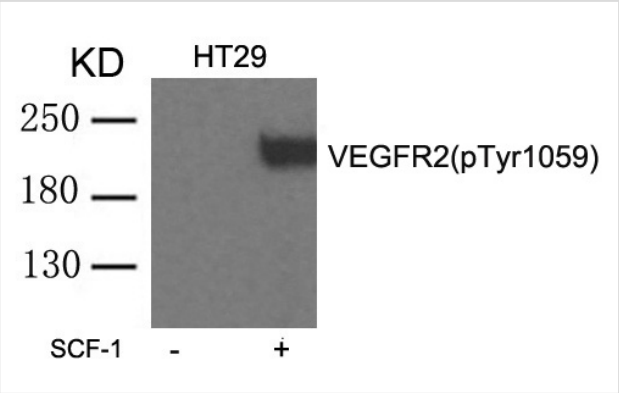
Product Name	VEGFR2(phospho-Tyr1059) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms
Immunogen Type	Peptide-KLH
Target Name	VEGFR2
Modification	Phospho-Tyr1059
Alternative Names	FLK1; CD309; VEGFR; KDR;

Application Details

Predicted MW: 230kd

Western blotting: 1:1000

Images



Western blot analysis of extracts from HT29 cells untreated or treated with SCF-1 using VEGFR2(phospho-Tyr1059) Antibody #11531.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 1059 (P-D-Y(p)-V-R)derived from Human VEGFR2.
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at Tyrosine 1059.
Purifiction	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 using non-phosphopeptide.
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P35968NCBI Protein: NP_002244.1

Related Information

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.