

VEGFR2(phospho-Tyr1059) Antibody

Catalog No: #11531

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

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Description

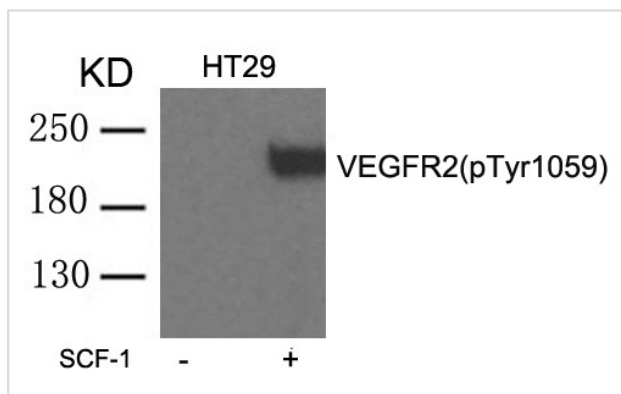
Product Name	VEGFR2(phospho-Tyr1059) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at Tyrosine 1059.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1059 (P-D-Y(p)-V-R) derived from Human VEGFR2.
Target Name	VEGFR2
Modification	Phospho-Tyr1059
Other Names	FLK1; CD309; VEGFR; KDR;
Accession No.	Swiss-Prot: P35968NCBI Protein: NP_002244.1
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

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.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.