VEGFR1 (Phospho-Tyr1213) Antibody

Catalog No: #11985

Package Size: #11985-1 50ul #11985-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

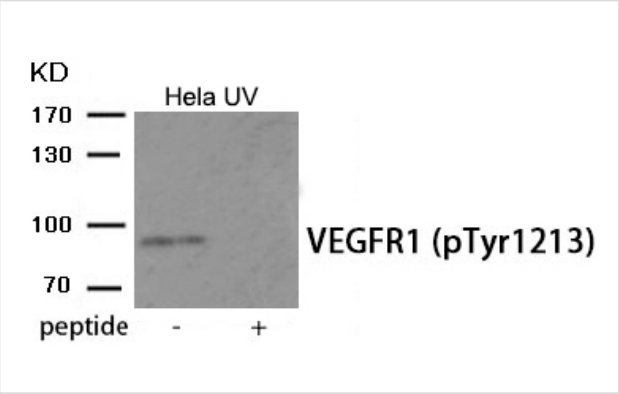
Description

Product Name	VEGFR1 (Phospho-Tyr1213) 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 chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of VEGFR1 only when phosphorylated at tyrosine 1213.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Tyrosine 1213(V-R-Y(p)-V-N) derived from Human VEGFR1.
Target Name	VEGFR1
Modification	Phospho
Other Names	FLT; FLT1; FRT; Flt-1; Fms-like tyrosine kinase 1
Accession No.	Swiss-Prot#: P17948; NCBI Gene#: 2321; NCBI Protein#: NP_001153392.1
Uniprot	P17948
GeneID	2321;
SDS-PAGE MW	90kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG 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/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HeLa cells treated with UV using Phospho-VEGFR1 (Tyr1213) antibody #11985.The lane on the right is treated with the antigen-specific peptide.

Background

Receptor for VEGF, VEGFB and PGF. 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. Isoform SFlt1 may have an inhibitory role in angiogenesis.

Raghu H, et al. (2012) Mol Oncol 6, 33-47

Ito N, Huang K, Claesson-Welsh L (2001) Cell Signal 13, 849-54

Ito N, Wernstedt C, Engstr?m U, Claesson-Welsh L (1998) J Biol Chem 273, 23410-8

Note: This product is for in vitro research use only