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Product datasheet for TA325465

VEGF Receptor 1 (FLT1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human VEGFR1 around the phosphorylation site of Tyrosine 1213
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	kDa
Gene Name:	fms related tyrosine kinase 1
Database Link:	NP_001153392 Entrez Gene 14254 MouseEntrez Gene 54251 RatEntrez Gene 2321 Human P17948
Background:	Oncogene FLT belongs to the src gene family and is related to oncogene ROS (MIM 165020). Like other members of this family, it shows tyrosine protein kinase activity that is important for the control of cell proliferation and differentiation. The sequence structure of the FLT gene resembles that of the FMS gene (MIM 164770); hence, Yoshida et al. (1987) proposed the name FLT as an acronym for FMS-like tyrosine kinase.

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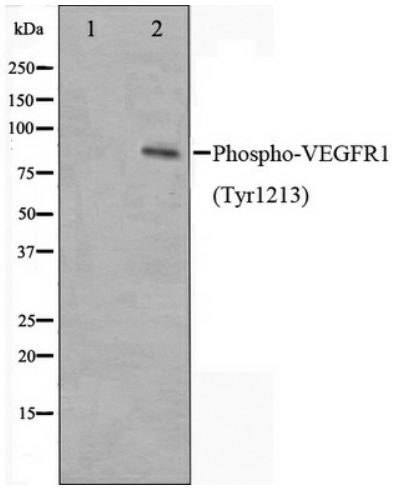
Synonyms: FLT; FLT-1; VEGFR-1; VEGFR1

Protein Families: Druggable Genome, Protein Kinase, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction, Endocytosis, Focal adhesion

Product images:



Western blot analysis of VEGFR1 phosphorylation expression in UV treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.