

## VEGF Receptor 2 (phospho-Tyr996) rabbit pAb

Catalog No: #13451



Package Size: #13451-1 50ul #13451-2 100ul

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## Description

Product Name	VEGF Receptor 2 (phospho-Tyr996) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of Human Mouse VEGF Receptor 2 (phospho-Tyr996)
Immunogen Description	Synthesized phospho peptide around human VEGF Receptor 2 (Tyr996)
Other Names	Vascular endothelial growth factor receptor 2 (VEGFR-2) (EC 2.7.10.1) (Fetal liver kinase 1) (FLK-1) (Kinase insert domain receptor) (KDR) (Protein-tyrosine kinase receptor flk-1) (CD antigen CD309)
Accession No.	Swiss Prot:P35968GenelD:3791
Uniprot	P35968
GenelD	3791
SDS-PAGE MW	150
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

WB 1:1000-2000

## Background

kinase insert domain receptor(KDR) Homo sapiens Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas. [provided by RefSeq, May 2009],

Note: This product is for in vitro research use only