

VEGF receptor 2 (Phospho-Tyr996) Antibody HRP Conjugated

Catalog No: #C04729H

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Description

Product Name	VEGF receptor 2 (Phospho-Tyr996) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human VEGF receptor 2 around the phosphorylation site of Tyr996
Conjugates	HRP
Target Name	VEGF receptor 2 Tyr996
Other Names	VEGFR2Tyr996; VEGFR2Y996; p-VEGFR2Tyr996; p-VEGFR2Y996; CD309; CD309 antigen; Fetal liver kinase 1; FLK-1; FLK1; KDR; Kinase insert domain receptor a type III receptor tyrosine kinase; Kinase insert domain receptor; KRD1; Ly73; Protein tyrosine kinase receptor FLK1; Protein-tyrosine kinase receptor
Accession No.	NCBI Gene ID3791
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000B B

Background

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 and is not intended for use in humans or animals.