

VEGF Receptor 2 (phospho-Tyr1175) rabbit pAb

Catalog_no :	AP1547
Applications :	WB
Reactivity :	Human,Mouse
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	KDR FLK1 VEGFR2
Protein_name :	VEGF Receptor 2 (Tyr1175)
Humangene_id	3791
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Humanswissprot	P35968
_no :	
Mouseswissprot	P35918
_no :	
Ratgene_id :	25589
Ratswissprot_no	O08775
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Immunogen :	Synthesized phosho peptide around human VEGF Receptor 2 (Tyr1175)
Specificity :	This antibody detects endogenous levels of Human Mouse VEGF Receptor 2 (phospho-Tyr1175)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Other_name :	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)



Molecular Weight : 150KD

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],
