

## VEGF Receptor 2 (phospho-Tyr1212) rabbit pAb

Catalog No: #13452



Package Size: #13452-1 50ul #13452-2 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | VEGF Receptor 2 (phospho-Tyr1212) 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-Tyr1212)   |
| Immunogen Description | Synthesized phosho peptide around human VEGF Receptor 2 (Tyr1212)  |
| 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:P35968GeneID: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 and is not intended for use in humans or animals.