

# Phospho-VEGF Receptor 2-Y996 Rabbit pAb

Catalog No.: AP0595

## Basic Information

### Observed MW

200kDa

### Calculated MW

75kDa/79kDa/151kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

3791

### Swiss Prot

P35968

### Immunogen

A synthetic phosphorylated peptide around Y996 of human VEGF Receptor 2 (NP\_002244.1).

### Synonyms

CD309;FLK1;VEGFR;VEGFR2;VEGF Receptor 2;KDR

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

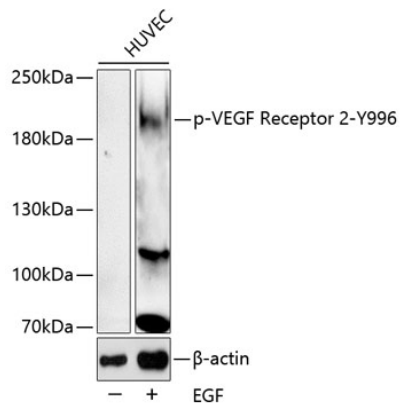
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

---



Western blot analysis of extracts of HUVEC cell line, using Phospho-VEGF Receptor 2-Y996 antibody (AP0595).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% BSA.