

# VEGFR2/CD309 Rabbit mAb

Catalog No.: A23038 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

152kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

### CloneNo number

ARC60206

## 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 1:1000 - 1:5000

## Immunogen Information

### Gene ID

3791

### Swiss Prot

P35968

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-764 of human VEGFR2/CD309. (NP\_002244.1).

### Synonyms

FLK1; CD309; VEGFR; VEGFR2; VEGFR2/CD309

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

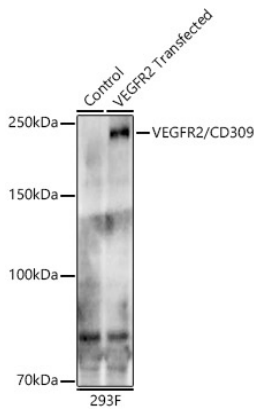
### Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates, using VEGFR2/CD309 Rabbit mAb (A23038) at 1:2000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Enhanced Kit (RM00021).  
Exposure time: 180s.