

A5609

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VEGF Receptor 2 Rabbit pAb

Catalog No.: A5609

18 Publications

Basic Information

Observed MW

210kDa/230kDa

Calculated MW

152kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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 $\alpha V\beta 3$, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3791

Swiss Prot

P35968

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1150-1250 of human VEGF Receptor 2 (NP_002244.1).

Synonyms

FLK1; CD309; VEGFR; VEGFR2; VEGF Receptor 2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

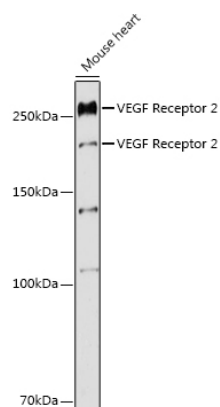
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of lysates from Mouse heart, using VEGF Receptor 2 Rabbit pAb (A5609) at 1:1000 dilution.

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.