
VEGFR2 Rabbit pAb

Catalog Number: bs-10412R

Target Protein: VEGFR2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 147 kDa

Entrez Gene: 3791

Swiss Prot: P35968

Source: KLH conjugated synthetic peptide derived from human VEGFR2: 101-200/1356.

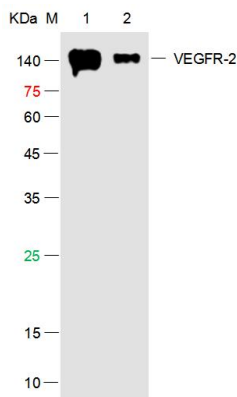
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

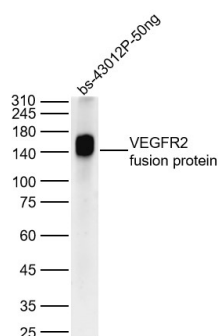
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, May 2009].

VALIDATION IMAGES



Sample: Lane 1: Recombinant Human VEGFR2 Protein at 500ng Lane 2: Recombinant Human VEGFR2 Protein at 50ng Primary: Rabbit Anti-VEGFR-2 Polyclonal Antibody at 1/1000 dilution (Cat. bs-10412R) Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 87kD Observed band size: 125-155kD



Sample: Lane 1: Recombinant human VEGFR2 protein, His (HEK293) (bs-43012P) Primary: Anti-VEGFR2 (bs-10412R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 147kDa Observed band size: 147kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=15.881] Kuo Zhang. et al. A Monotargeting Peptidic Network Antibody Inhibits More Receptors for Anti-Angiogenesis. *Acs Nano*. 2021;XXXX(XXX):XXX-XXX IF ; Rabbit . 10.1021/acsnano.1c02194

[IF=11.4] Yan Meng. et al. GPNMB+Gal-3+ hepatic parenchymal cells promote immunosuppression and hepatocellular carcinogenesis. *EMBO J*. 2023 Dec;42(24):e114060 FCM ; Rat . 38009297

[IF=6.583] Ahmad S et al. C3a Receptor Antagonist Therapy is Protective with or without Thrombolysis in Murine Thromboembolic Stroke. *Br J Pharmacol*. 2020 Jan 24. FCM ; Mouse . 31975437

[IF=7] Daniel Romaus-Sanjurjo. et al. Neuroprotection Afforded by an Enriched Mediterranean-like Diet Is Modified by Exercise in a Rat Male Model of Cerebral Ischemia. *ANTIOXIDANTS-BASEL*. 2024 Feb;13(2):138 FCM ; Rat . 10.3390/antiox13020138

[IF=6.208] Yongxin Guo. et al. Beneficial Effects of Oleosomes Fused with Human Fibroblast Growth Factor 1 on Wound Healing via the Promotion of Angiogenesis. *INT J MOL SCI*. 2022 Jan;23(21):13152 WB ; Rat, Human . 36361940