

**bs-10412R****[ Primary Antibody ]****VEGFR2 Rabbit pAb****BioSS**  
**ANTIBODIES**

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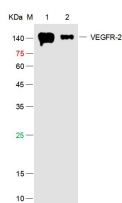
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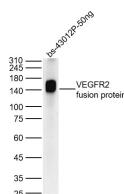
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human
<b>GeneID:</b> 3791	<b>SWISS:</b> P35968	
<b>Target:</b> VEGFR2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human VEGFR2: 101-200/1356. < Extracellular >		<b>Predicted MW.:</b> 147 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Secreted ,Cell membrane
<b>Concentration:</b> 1mg/ml		<b>Location:</b> ,Cytoplasm ,Nucleus
<b>Storage:</b> 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.		
<b>Background:</b> 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-VEGFR2 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

**— SELECTED CITATIONS —**

- **[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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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