### bs-1665R

## [ Primary Antibody ]

# VEGFA Rabbit pAb



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– DATASHEET –––––		400-901-9800
Host: Rabbit	<b>Isotype:</b> IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500) IHC-F (1:100-500)
GenelD: 7422	SWISS: P15692	IF (1:100-500)
Target: VEGFA		<b>ELISA</b> (1:5000-10000)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human VEGF: 81-132/232.		<b>Reactivity:</b> Human (predicted: Rabbit, Pig, Sheep, Cow, Dog,
Purification: affinity purified by	Protein A	Horse)
Concentration: 1mg/ml		Predicted
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.		MW.: <sup>24 kDa</sup>
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Secreted
Background: Vascular endothel vascular permeab cells that stimulat VEGF is a sub-fami factor family of cys signaling proteins formation of the e (the growth of blo	al growth factor (VEGF), originally known as lity factor (VPF), is a signal protein produced es the formation of blood vessels. To be spec ly of growth factors, the platelet-derived gro stine-knot growth factors. They are importar involved in both vasculogenesis (the de nov mbryonic circulatory system) and angiogene od vessels from pre-existing vasculature).	d by cific, owth nt o esis

#### - VALIDATION IMAGES -



Tissue/cell: human brain tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-VEGF Polyclonal Antibody, Unconjugated(bs-1665R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

## - SELECTED CITATIONS -

- [IF=15.304] Rajendra K. Singh. et al. Diabetic bone regeneration with nanoceria-tailored scaffolds by recapitulating cellular microenvironment: Activating integrin/TGF-β co-signaling of MSCs while relieving oxidative stress. BIOMATERIALS. 2022 Aug;;121732 IF ;Rat. 36031457
- [IF=7.7] Jingjunjiao Long. et al. Nanosilicate-reinforced GelMA-PEGDA hydrogel promotes angiogenesis for bone regeneration. INT J BIOL MACROMOL. 2024 Jun;:133202 WB ;Human. 38889828
- [IF=5.168] Gu et al. Fasudil attenuates soluble fms-like tyrosine kinase-1 (sFlt-1)-induced hypertension in pregnant mice through RhoA/ROCK pathway. (2017) Oncotarget. 8:104104-104112 WB,IHC ;Human, Mouse. 29262624

- [IF=4.6] Ke Minhui. et al. Establishment and study of a rat internal haemorrhoid model. SCI REP-UK. 2023 Dec;13(1):1-10 IHC ;Rat. 38049459
- [IF=5.4] Feng Qiu. et al. The mechanism of Chebulae Fructus Immaturus promote diabetic wound healing based on network pharmacology and experimental verification. J ETHNOPHARMACOL. 2024 Mar;322:117579 IHC,WB ;Mouse,Human. 38104882