

VEGF Rabbit pAb

Catalog Number: bs-34032R

Target Protein: VEGF

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-1000), ELISA (1:5000-10000)

Reactivity: Human

Predicted MW: 24 kDa

Entrez Gene: 7422

Swiss Prot: P15692

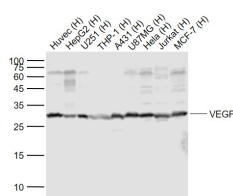
Purification: affinity purified by Protein A

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), originally known as vascular permeability factor (VPF), is a signal protein produced by cells that stimulates the formation of blood vessels. To be specific, VEGF is a sub-family of growth factors, the platelet-derived growth factor family of cystine-knot growth factors. They are important signaling proteins involved in both vasculogenesis (the de novo formation of the embryonic circulatory system) and angiogenesis (the growth of blood vessels from pre-existing vasculature).

VALIDATION IMAGES



Sample: Lane 1: Huvec (Human) Cell Lysate at 30 ug Lane 2: HepG2 (Human) Cell Lysate at 30 ug Lane 3: U251 (Human) Cell Lysate at 30 ug Lane 4: THP-1 (Human) Cell Lysate at 30 ug Lane 5: A431 (Human) Cell Lysate at 30 ug Lane 6: U87MG (Human) Cell Lysate at 30 ug Lane 7: Hela (Human) Cell Lysate at 30 ug Lane 8: Jurkat (Human) Cell Lysate at 30 ug Lane 9: MCF-7 (Human) Cell Lysate at 30 ug Primary: Anti-VEGF (bs-34032R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 25 kD Observed band size: 28 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=19.924] Siyu Gui. et al. Ultrasmall Coordination Polymer Nanodots Fe-Quer Nanozymes for Preventing and Delaying the

Development and Progression of Diabetic Retinopathy. ADV FUNCT MATER. 2023 Apr;;2300261 IHC,ICC ; Rat . 10.1002/adfm.202300261

[IF=15.8] Dan Li. et al. Fish scale-inspired biomimetic nanocoatings on magnesium implants for vascularized bone regeneration in infected bone defects. J MAGNES ALLOY. 2024 Jul;; WB ; Human . 10.1016/j.jma.2024.07.012

[IF=13.3] Lubin Zhou. et al. Electrospun Self-Pumping dressing with gastrodin for immunomodulation and rapid healing of diabetic wounds. CHEM ENG J. 2024 Sep;495:153424 IF ; Rat . 10.1016/j.cej.2024.153424

[IF=13.3] Zhihong Su. et al. Novel asymmetrical double-layer structural adhesive hydrogels with synergetic neuroprotection and angiogenesis effect for diabetic wound healing. CHEM ENG J. 2024 Dec;;159081 IHC ; Rat . 10.1016/j.cej.2024.159081

[IF=9.5] Yi-bo Li. et al. Construction of Magnesium Phosphate Chemical Conversion Coatings with Different Microstructures on Titanium to Enhance Osteogenesis and Angiogenesis. ACS APPL MATER INTER. 2024;XXXX(XXX):XXX-XXX IF ; Mouse,Human . 38637290