

**bs-34032R****[ Primary Antibody ]****VEGF165 Rabbit pAb****Bioss**  
ANTIBODIES

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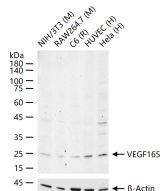
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse, Rat
<b>GeneID:</b> 7422	<b>SWISS:</b> P15692	
<b>Target:</b> VEGF165		
<b>Immunogen:</b> Recombinant human VEGF165 Protein: 27-191/191.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 22 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted
<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), 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 —**

25 ug total protein per lane of various lysates (see on figure) probed with VEGF165 polyclonal antibody, unconjugated (bs-34032R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

**— SELECTED CITATIONS —**

- **[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

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Microstructures on Titanium to Enhance Osteogenesis and Angiogenesis. ACS APPL MATER INTER. 2024;XXXX(XXX):XXX-XXX  
IF ;Mouse,Human. 38637290