

bs-1083R**[Primary Antibody]****VEGFR3 Rabbit pAb****Bioss**
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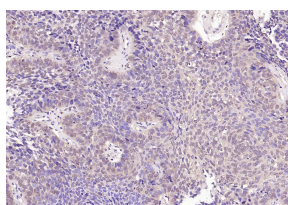
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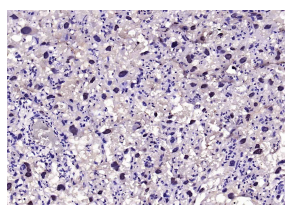
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 14257 Target: VEGFR3 Immunogen: KLH conjugated synthetic peptide derived from mouse VEGFR-3: 901-1000/1263. Purification: affinity purified by Protein A Concentration: 1mg/ml 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 factors (VEGFs) are a family of closely related growth factors having a conserved pattern of eight cysteine residues and sharing common VEGF receptors. VEGFs stimulate the proliferation of endothelial cells, induce angiogenesis, and increase vascular permeability in both large and small vessels. The mitogenic activity of VEGFs appears to be mediated by specific VEGF receptors. VEGF Receptor 3 is one of the five receptor tyrosine kinases (RTKs) (VEGF Receptor 1/Flt1, VEGF Receptor 2/KDR/Flk1, VEGF Receptor 3/Flt4, tie1 and tek/tie2) whose expression is almost exclusively restricted to endothelial cells	Isotype: IgG SWISS: P35917	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Dog, Horse) Predicted MW.: 151 kDa Subcellular Location: Secreted ,Cell membrane ,Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFR3 Polyclonal Antibody, Unconjugated (bs-1083R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFR3 Polyclonal Antibody, Unconjugated (bs-1083R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=8]** Kangsan Roh. et al.Exercise-Induced Cardiac Lymphatic Remodeling Mitigates Inflammation in the Aging Heart..AGING CELL.2025 Mar 13:e70043. Flow cytometry ;Mouse. 40083143
- **[IF=2.679]** Michiko Jo. et al. Impact of Goreisan components on rat mesenteric collecting lymphatic vessel pumping. MICROCIRCULATION. 2022 Oct;;e12788 WB ;Rat. 36169611
- **[IF=1.68]** Sun, Y., et al. "A Reproducible In-vivo Model of Lymphatic Malformation in Rats." Journal of comparative pathology 145.4 (2011): 390-398. IHC ;="Rat". 21419420

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