bs-2202R **[Primary Antibody]**

VEGFR3 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2324 **SWISS:** P35916

Target: VEGFR3

Immunogen: KLH conjugated synthetic peptide derived from human VEGFR-3: 901-1000/1298.

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 esidues 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

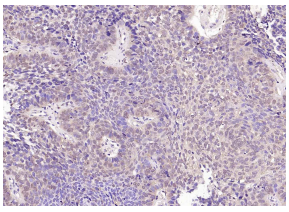
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Dog, Horse)

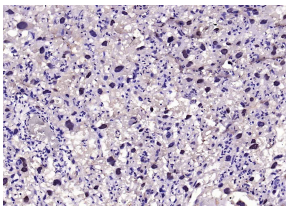
Predicted MW.: 151 kDa

Subcellular Location: Secreted ,Cell membrane ,Cytoplasm ,Nucleus

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-2202R) 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-2202R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=9.3]** Gao Dandan. et al. Enhancing Th17 cells drainage through meningeal lymphatic vessels alleviate neuroinflammation after subarachnoid hemorrhage. J NEUROINFLAMM. 2024 Dec;21(1):1-17 IF ;Mouse. 39428510
- **[IF=7.84]** Zhuo, Wei, et al. "The CXCL12?CCXCR4 Chemokine Pathway: A Novel Axis Regulates Lymphangiogenesis."Clinical Cancer Research 18.19 (2012): 5387-5398.I Other ;="Human, Mouse". 22932666
- **[IF=5.99]** Wang, Zhixiong, et al. "CXCL1 from tumor-associated lymphatic endothelial cells drives gastric cancer cell into lymphatic system via activating integrin β1/FAK/AKT signaling." Cancer Letters 385 (2017): 28-38. ICC ;="Human". 27832972
- **[IF=2.02]** Wang, Zheng, et al. "RhGH attenuates ischemia injury of intrahepatic bile ducts relating to liver

transplantation." Journal of Surgical Research 171.1 (2011): 300-310. IHC ;="Rat". 20462597

- **[IF=2.136]** Hayashi KG et al. Temporal expression and localization of vascular endothelial growth factor family members in the bovine uterus during peri-implantation period. Theriogenology. 2019 Apr 24;133:56-64. IHC ;Cow. 31059929