

bsm-52338R**[Primary Antibody]****BioSS**
ANTIBODIES

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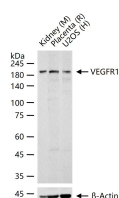
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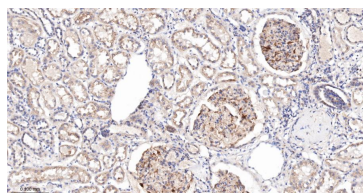
400-901-9800

VEGFR1 Recombinant Rabbit mAb**— DATASHEET —**

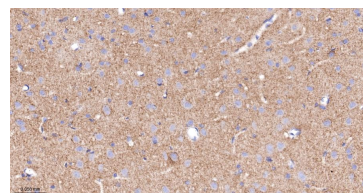
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 147 kDa Subcellular Location: Secreted ,Cell membrane ,Cytoplasm
Clonality: Recombinant	CloneNo.: 3A6	
GeneID: 2321	SWISS: P17948	
Target: VEGFR1		
Immunogen: A synthesized peptide derived from human VEGF Receptor 1: 15-50.		
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: VEGF Receptor 1 (also known as FLT) belongs to the src gene family and shows tyrosine protein kinase activity that is important for the control of cell proliferation and differentiation. The protein acts as a receptor for VEGF, VEGFB and PGF. An alternatively spliced form of the gene produces a soluble protein (sFlt1) which binds vascular endothelial growth factor (VEGF) with high affinity. sFlt1 has a higher affinity for VEGF indicating that it may function as an inhibitor in the VEGF response. VEGF Receptor 1 is specifically expressed in most vascular endothelial cells and peripheral blood monocytes.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with VEGFR1 monoclonal antibody, unconjugated (bsm-52338R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFR1 Monoclonal Antibody, Unconjugated (bsm-52338R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFR1 Monoclonal Antibody, Unconjugated (bsm-52338R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=3.4]** Xinran Xu. et al. Epigallocatechin gallate (EGCG) alleviates inflammation and endothelial dysfunction and improves pregnancy outcomes in preeclampsia (PE)-like rats via eNOS/Nrf2/HO-1 pathway. J REPROD IMMUNOL. 2024 May;;104263 IHC,WB ;Rat. 38838579
- **[IF=3.4]** Xiangju Gao. et al. The common pathogenesis of nodular goiter in both sexes: An exploration into gene expression and signaling pathways. HELIYON. 2024 Jul;10: IF,WB ;Rat. 10.1016/j.heliyon.2024.e33411