
VEGFR1 Recombinant Rabbit mAb

Catalog Number: bsm-52338R

Target Protein: VEGFR1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 3A6

Isotype: IgG

Applications: WB (1:1000-2000), IHC-P (1:50-200), IHC-F (1:50-200), IF (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 147 kDa

Subcellular: Secreted, Cell membrane, Cytoplasm

Locations:

Entrez Gene: 2321

Swiss Prot: P17948

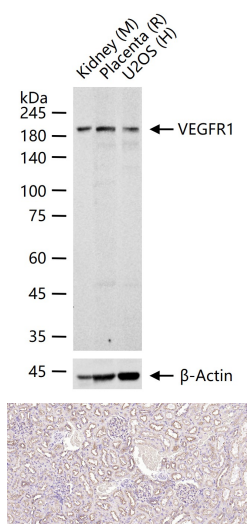
Purification: affinity purified by Protein A

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.

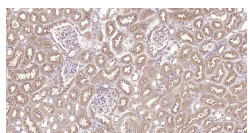
Background: VEGF Receptor 1 (also known as FLT) belongs to the src gene family and shows tyrosine protein kinase activity that is important for the control of cell proliferation and differentiation. The protein acts as a receptor for VEGF, VEGFB and PGF. An alternatively spliced form of the gene produces 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

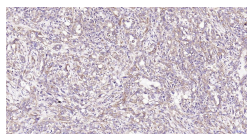


25 ug total protein per lane of various lysates (see on figure) probed with VEGFR1 monoclonal antibody, unconjugated (bsm-52338R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

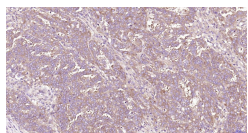
Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFR1 Monoclonal Antibody, Unconjugated(bsm-52338R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010)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



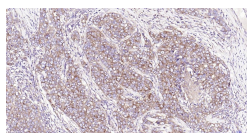
Paraformaldehyde-fixed, paraffin embedded Mouse Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFR1 Monoclonal Antibody, Unconjugated(bsm-52338R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010)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



Paraformaldehyde-fixed, paraffin embedded Human Cervical Cancer; 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 Human Ovarian Cancer; 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 Human Breast Cancer; 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.

PRODUCT SPECIFIC PUBLICATIONS

[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

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