

**bsm-56202R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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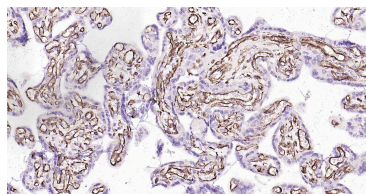
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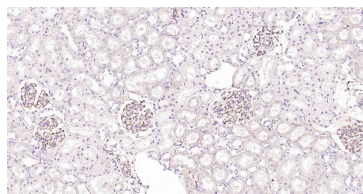
400-901-9800

**VEGFA Recombinant Rabbit mAb****— DATASHEET —**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host:</b> Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Isotype:</b> IgG  | <b>Applications:</b> IHC-P (1:50-200)<br>IHC-F (1:50-200)<br>IF (1:50-200)<br><br><b>Reactivity:</b> Human, Mouse, Rat<br><br><br><b>Predicted MW.:</b> 24 kDa<br><br><b>Subcellular Location:</b> Secreted |
| <b>Clonality:</b> Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>CloneNo.:</b> 4G7 |                                                                                                                                                                                                             |
| <b>GeneID:</b> 7422                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>SWISS:</b> P15692 |                                                                                                                                                                                                             |
| <b>Target:</b> VEGFA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                             |
| <b>Purification:</b> affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                                                                                                                                                                                                             |
| <b>Concentration:</b> 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                             |
| <b>Storage:</b> PBS (pH7.2) with 40% Glycerol, 0.05% BSA and 0.02% Proclin300. 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 —**

Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFA Monoclonal Antibody, Unconjugated(bsm-56202R) at 1:200overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VEGFA Monoclonal Antibody, Unconjugated(bsm-56202R) at 1:200overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.