

**bsm-10855M****[ Primary Antibody ]****VEGFA/VEGF165 Mouse mAb****BioSS**  
**ANTIBODIES**

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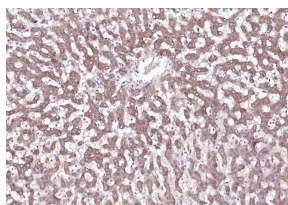
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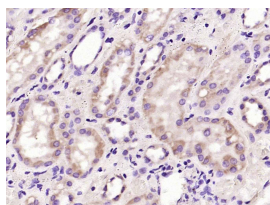
400-901-9800

**— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)  <b>Reactivity:</b> Human    <b>Predicted MW.:</b> 18 kDa  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 2A2	
<b>GeneID:</b> 7422	<b>SWISS:</b> P15692	
<b>Target:</b> VEGFA/VEGF165		
<b>Purification:</b> affinity purified by Protein G		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Size : 50ul/100ul/200ul Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Size : 200ug (PBS only) 0.01M PBS 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 liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (VEGF165) Monoclonal Antibody, Unconjugated (bsm-10855M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse) (sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (VEGF) Monoclonal Antibody, Unconjugated (bsm-10855M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=2.445]** Mei X et al. Expression of VEGF, CD73 and their relationship with clinical pathology, microvessel density, and prognosis in renal cell carcinoma. Transl Androl Urol. 2020 Jun;9(3):1366-1373. IHC ;Human. 32676421