

bsm-41661M**[Primary Antibody]****VEGFA/VEGF165 Mouse mAb****BioSS**
ANTIBODIES

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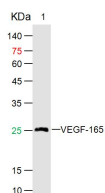
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— DATASHEET —

Host: Mouse	Isotype: IgG1	Applications: WB (1:500-2000) ELISA (1:5000-10000) Reactivity: Human Predicted MW.: 18 kDa Subcellular Location: Secreted
Clonality: Monoclonal	CloneNo.: 14C3	
GeneID: 7422	SWISS: P15692	
Target: VEGFA/VEGF165		
Immunogen: Recombinant human VEGF165 Protein: 27-191/191.		
Purification: affinity purified by Protein A		
Storage: Size : 100ug 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.		
Background: 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 —

Sample: Lane 1: Recombinant Human VEGF165
Protein at 500ng Primary: Mouse Anti-VEGF165
Monoclonal Antibody at 1/1000 dilution
(Cat.bsm-41661M) Secondary: IRDye800CW Goat
Anti-Mouse IgG at 1/20000 dilution Predicted
band size: 21kD Observed band size: 25kD