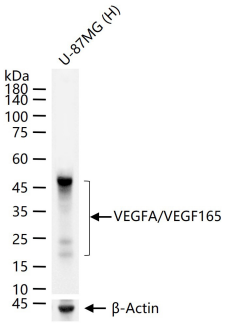
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

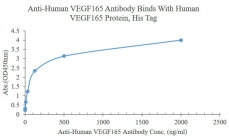
VEGFA/VEGF165 Mouse mAb

Catalog Number:	bsm-41663M
Target Protein:	VEGFA/VEGF165
Form:	Size : 100ug Liquid Size : 200ug (PBS only) Lyophilized Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.
Host:	Mouse
Clonality:	Monoclonal
Clone No.:	19D2
Isotype:	IgG2b
Applications:	WB (1:500-2000), ELISA (1:5000-10000)
Reactivity:	Human
Predicted MW:	18 kDa
Entrez Gene:	7422
Swiss Prot:	P15692
Source:	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



25 ug total protein per lane of various lysates (see on figure) probed with VEGFA/VEGF165 monoclonal antibody, unconjugated (bsm-41663M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Measured by its binding ability in a indirect ELISA. Immobilized Human VEGF165, His Tag (Cat. bs-41613P) at 2 μg/mL (100 μL/well) can bind Anti-Human VEGF165 monoclonal antibody, the minimum detection concentration is 2ng/mL