

## VEGFA

### Mouse Anti-Human VEGF 165 (Clone B-G55) mAb, Azide Free

<b>Catalog No.</b>	CDM477A CDM477B	<b>Quantity:</b>	200 µg 500 µg
<b>Alternate Names:</b>	Vascular endothelial growth factor A, Vascular permeability factor, VPF		
<b>Description:</b>	The mouse monoclonal antibody recognizes the human VEGF 165 isoform. VEGF is active in angiogenesis, vasculogenesis and endothelial cell growth. It induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. VEGF binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. NRP1/Neuropilin-1 binds isoforms VEGF-165 and VEGF -145. Isoform VEGF165B binds to KDR but does not activate downstream signaling pathways, does not activate angiogenesis and inhibits tumor growth.		
<b>UniProt ID:</b>	P15692		
<b>Gene ID:</b>	7422		
<b>Concentration:</b>	1.0 mg/ml		
<b>Specificity:</b>	Recognizes both native and recombinant human VEGF 165.		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c node cells		
<b>Isotype:</b>	Mouse IgG2bk		
<b>Immunogen:</b>	Recombinant human VEGF 165		
<b>Clone:</b>	B-G55		
<b>Formulation:</b>	Sterile-filtered PBS, carrier and preservative-free.		
<b>Applications:</b>	ELISA		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**