

VEGFA

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

Catalog No.	CDM477	Quantity:	500 µg
Alternate Names:	Vascular endothelial growth factor A		
Description:	The mouse monoclonal antibody recognizes human VEGF 165. 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.		
Gene ID:	7422		
Concentration:	1 mg/ml		
Conjugate:	Unconjugated		
Specificity:	Recognizes both native and recombinant human VEGF 165.		
Host:	Mouse		
Isotype:	IgG2bk		
Immunogen:	Recombinant human VEGF 165		
Clone:	B-G55		
Formulation:	Liquid in PBS. Sterile-filtered. Carrier and preservative-free.		
Applications:	ELISA		
Application Notes:	The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 1 year. For long-term, freeze in aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

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

