

VEGFA

Mouse Anti-Human VEGF-A (Clone #3 (6D3)) mAb

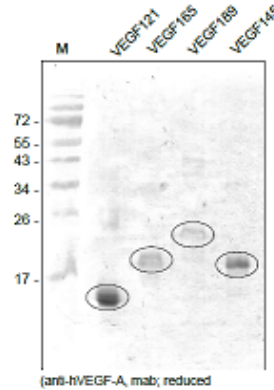
Catalog No.	CMV015	Quantity:	200 µg
Alternate Names:	Vascular endothelial growth factor A, Vascular permeability factor, VPF		
Description:	The mouse monoclonal antibody recognizes human Vascular Endothelial Growth Factor (VEGF)-A, a member of the PDGF/VEGF growth factor family. VEGF-165 is a 23 kDa, protein consisting of 165 aa, produced as a disulfide linked homodimer. It is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, and inhibiting apoptosis. Two high-affinity tyrosine kinase receptors for VEGF exist, VEGFR-1/FLT-1 and VEGFR-2/KDR.		
Gene ID:	7422		
UniProt ID:	P15692-4		
Specificity:	Human VEGF-A		
Host:	BALB/c mouse		
Isotype:	IgG1		
Immunogen:	Recombinant Human VEGF ₁₆₅		
Clone:	#3 (6D3)		
Formulation:	Lyophilized from a solution containing Trehalose, Sodium Phosphate, and Polysorbate 20		
Purification:	Protein G chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.1 to 1.0 mg/mL.		
Applications:	Western Blot, Neutralization, ELISA		
Application Notes:	Western Blot: use a working dilution of 2-10 µg/mL. The optimal concentration should be determined by the user for each specific application.		



Storage & Stability:

Product is stable upon receipt for one month at room temperature. After reconstitution, antibody is stable for two weeks at 2-8°C or for six months in working aliquots at -20°C. to -80°C. **Avoid repeated freeze-thaw cycles.**

Figure 1: Western analysis with different isoforms of recombinant human VEGF-A.



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

