

Mouse Anti-human VEGFR3/FLT4 Clone 1 Biotin mAb

Catalog No.	CMV017BT	Quantity:	50 µg
Alternate Names:	Vascular Endothelial Growth Factor Receptor 3, Chy, FLT41, PCL		
Description:	Mouse Anti-human VEGFR3/FLT4 Clone 1 Biotinylated monoclonal antibody. VEGFR3/FLT4 mediates the angiogenic activity of VEGFC and VEGFD on lymphatic endothelial cells.		
Specificity:	Human VEGFR3		
Host:	Mouse		
Immunogen:	Recombinant human soluble VEGFR3 protein		
Isotype:	IgG		
Clone:	1		
Formulation:	Lyophilized from BSA (50x) + 0.1 M Tris-Cl + 0.2M NaCl + 0.02% sodium azide, pH 7.4. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein G affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration > 0.5 mg/ml.		
Applications	Western Blot: When used at a concentration of 0.5-1µg/ml, in conjunction with compatible secondary reagents, the detection limit is approximately 5 ng/lane under reducing conditions, depending on the visualization method. ELISA: When used at a concentration of 0.5 - 1.5 µg/ml, in conjunction with compatible secondary reagents, allows the detection of 0.25- 0.5 ng/well. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Lyophilized antibody is stable for 1 month at 2-4°C and for 1 year at -20°C. Reconstituted antibody is stable for six weeks at 2-4°C. Avoid repeated freeze-thaw cycles.		

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



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