

VEGF Antibody FITC Conjugated

Catalog No: #C03599F

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Description

Product Name	VEGF Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide aa 90-140 232 derived from human VEGF
Conjugates	FITC
Target Name	VEGF
Other Names	VPF; VEGF; MVCD1; Vascular endothelial growth factor A; VEGF-A; Vascular permeability factor; VEGFA
Accession No.	Swiss-Prot#P15692NCBI Gene ID7422
Uniprot	P15692
GeneID	7422;
Excitation Emission	494nm 518nm
Cell Localization	Secreted
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=2ug/Test IF=1:50-200

Background

Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. 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.

Note: This product is for in vitro research use only