VEGF Conjugated Antibody

Catalog No: #C48707

Package Size: #C48707-Biotin 100ul #C48707-AF350 100ul #C48707-AF405 100ul #C48707-AF488 100ul #C48707-AF555 100ul #C48707-AF594 100ul #C48707-AF647 100ul #C48707-AF680 100ul #C48707-AF750 100ul #C48707-Conjugated 50ul

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Description

Product Name	VEGF Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Applications	IF, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	AFθ• §ε η´
Other Names	Folliculostellate cell-derived growth factor antibody Glioma-derived endothelial cell mitogen antibody MGC70609 antibody MVCD1 antibody Vascular endothelial growth factor A antibody vascular endothelial growth factor A121 antibody vascular endothelial growth factor A165 antibody vascular endothelial growth factor antibody Vascular permeability factor antibody VEGF A antibody Vegf antibody VEGF-A antibody VEGF120 antibody Vegfa antibody VEGFA_HUMAN antibody VPF antibody
Accession No.	Swiss-Prot#:P15692
Calculated MW	43 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

IF:1:50-1:200

FC: 1:50-1:200

Background

The onset of angiogenesis is believed to be an early event in tumorigenesis and may facilitate tumor progression and metastasis. Several growth factors with angiogenic activity have been described. These include fibroblast growth factors (FGFs), platelet derived growth factor (PDGF) and vascular endothelial growth factor (VEGF). VEGF is a dimeric glycoprotein with structural homology to PDGF. Several variants of VEGF have been described that arise by alternative mRNA splicing. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo because the expression pattern of VEGF is consistent with a role in embryonic angiogenesis. VEGF mRNA is formed in some primary tumors, VEGF is produced by tumor cell lines in vitro and VEGF mitogenic activity appears to be restricted to endothelial cells. A member of the PDGF receptor family, Flt, has been identified as a high-affinity receptor for VEGF.

Published Papers

el at., Enhancing HepG2 cell apoptosis with a combined nanoparticle delivery of miR-128-3p agomir and Oroxin B: A novel drug delivery approach based on PI3K-AKT and VEGF pathway crosstalk, , (2024)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.