



Rabbit Anti-VEGF monoclonal antibody, clone TQ18-12 (CABT-L601)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	VEGF
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TQ18-12
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	ICC/IF, IHC, IP, FC
Molecular Weight	43 kDa
Cellular Localization	Secreted.
Positive Control	SHG-44, MCF-7, Hela, SH-SY-5Y, mouse kidney tissue, human colon cancer tissue, mouse cerebellum tissue, human breast carcimoma tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	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.
Keywords	Folliculostellate cell-derived growth factor;Glioma-derived endothelial cell mitogen;MGC70609;MVCD1;Vascular endothelial growth factor A;vascular endothelial growth factor A121;vascular endothelial growth factor A165;vascular endothelial growth factor;Vascular permeability factor;VEGF A;Vegf;VEGF-A;VEGF120;Vegfa;VEGFA_HUMAN;VPF antibody