

ARG66192 anti-VEGFB antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes VEGFB
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms
Tested Application	WB
Specificity	The antibody detects endogenous VEGF-B protein.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	VEGFB
Species	Human
Immunogen	Synthetic peptide around aa. 91-140 of Human VEGFB.
Conjugation	Un-conjugated
Alternate Names	VEGF-related factor; VEGFL; VEGF-B; VRF; Vascular endothelial growth factor B

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

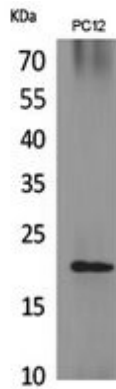
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	VEGFB
Gene Full Name	vascular endothelial growth factor B
Background	This gene encodes a member of the PDGF (platelet-derived growth factor)/VEGF (vascular endothelial growth factor) family. The VEGF family members regulate the formation of blood vessels and are involved in endothelial cell physiology. This member is a ligand for VEGFR-1 (vascular endothelial growth factor receptor 1) and NRP-1 (neuropilin-1). Studies in mice showed that this gene was co-expressed with nuclear-encoded mitochondrial genes and the encoded protein specifically controlled endothelial uptake of fatty acids. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Sep 2011]
Function	Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis. [UniProt]
Calculated Mw	22 kDa
PTM	VEGF-B186 is O-glycosylated.

Images



ARG66192 anti-VEGFB antibody WB image

Western blot: PC12 cell lysate stained with ARG66192 anti-VEGFB antibody.