

ARG45379 anti-VEGF-B antibody [6E72]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [6E72] recognizes VEGF-B
Tested Reactivity	Ms
Tested Application	IHC-P
Host	Rat
Clonality	Monoclonal
Clone	6E72
Isotype	IgG2
Target Name	VEGF-B
Species	Mouse
Immunogen	Recombinant Mouse VEGF-B.
Conjugation	Un-conjugated
Alternate Names	VEGFB; Vascular Endothelial Growth Factor B; VEGFL; VRF; VEGF-Related Factor;

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

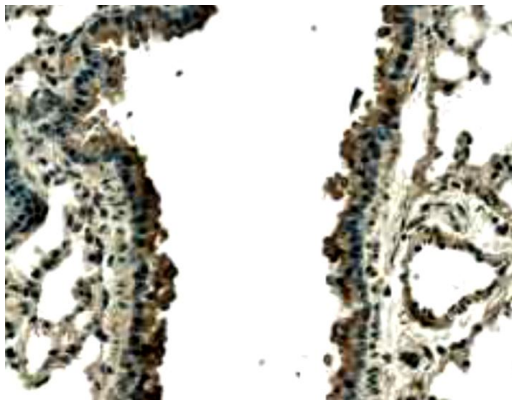
Properties

Form	Powder
Purification	Protein G chromatography
Buffer	PBS
Reconstitution	PBS
Concentration	0.2 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 or below. 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	VEGF-B
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.
Calculated Mw	22 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG45379 anti-VEGF-B antibody [6E72] IHC-P image

Immunohistochemistry: Mouse lung stained with ARG45379 anti-VEGF-B antibody [6E72].