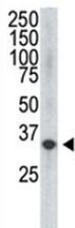


VEGF4 Antibody [clone 28AT743.288.48] (F40191)

Catalog No.	Formulation	Size
F40191-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40191-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	28AT743.288.48
Purity	Purified
UniProt	O43915
Applications	Western Blot : 1:100-1:500
Limitations	This VEGF4 antibody is available for research use only.



The VEGF4 antibody used in western blot to detect VEGF4 in HDMEC cell lysate. Expected molecular weight: 40-53 kDa (pro-form), ~21 kDa (mature/active form).

Description

The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C.

Application Notes

Titration of the VEGF4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This VEGF4 antibody was produced from mice immunized with three KLH conjugated synthetic peptides corresponding to N-terminal, central, and C-terminal sequences of human VEGF4.

Storage

Aliquot the VEGF4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.