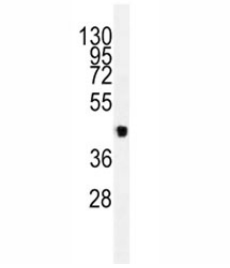
VEGFC Antibody [clone 197CT7.3.4] (F40253)

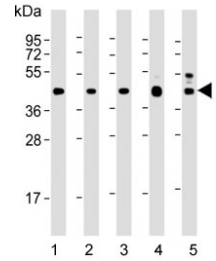
Catalog No.	Formulation	Size
F40253-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F40253-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	197CT7.3.4
Purity	Purified
UniProt	P49767
Applications	Western blot: 1:1000
Limitations	This VEGFC antibody is available for research use only.



Western blot analysis of lysate from 293 cells using VEGFC antibody. Predicted molecular weight ~45 kDa.



Western blot testing of human 1) CCRF-CEM, 2) HEK293, 3) HepG2, 4) mouse heart and 5) rat heart lysate with VEGFC antibody. Predicted molecular weight ~45 kDa.

Description

The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family, is active in angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-3 receptors. Only the fully processed form can bind and activate VEGFR-2 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor D. [provided by RefSeq].

Application Notes

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

Immunogen

This VEGFC antibody was produced from a mouse immunized with VEGFC recombinant protein.

Storage

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

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