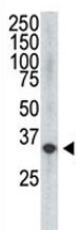


## VEGF4 Antibody [clone 28AT743.288.48] (F40191)

| 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](#)

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                       |
| <b>Species Reactivity</b> | Human, Mouse                                            |
| <b>Format</b>             | Purified                                                |
| <b>Clonality</b>          | Monoclonal (mouse origin)                               |
| <b>Isotype</b>            | Mouse IgG1                                              |
| <b>Clone Name</b>         | 28AT743.288.48                                          |
| <b>Purity</b>             | Purified                                                |
| <b>UniProt</b>            | O43915                                                  |
| <b>Applications</b>       | Western Blot : 1:100-1:500                              |
| <b>Limitations</b>        | 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.