

Datasheet for ABIN5534812  
**anti-VEGFD antibody (C-Term)**



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2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 400 µL   |
| Target:              | VEGFD (Figf)   |
| Binding Specificity: | AA 322-352, C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This VEGFD antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | This VEGFD (VEGF4) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-352 amino acids from the C-terminal region of human VEGFD (VEGF4). |
| Isotype:      | Ig Fraction  |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | VEGFD (Figf)  |
| Alternative Name: | VEGFD ( <a href="#">Figf Products</a> )   |
| Background:       | The protein encoded by this gene is a member of the platelet-derived growth factor/vascular |

## Target Details

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.

Molecular Weight: 40 kDa

Gene ID: 2277

UniProt: [O43915](#)

Pathways: [RTK Signaling](#)

## Application Details

Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 2 mg/mL

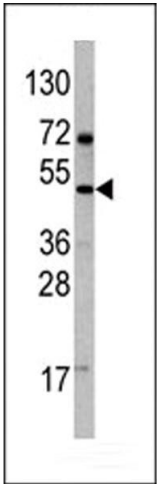
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

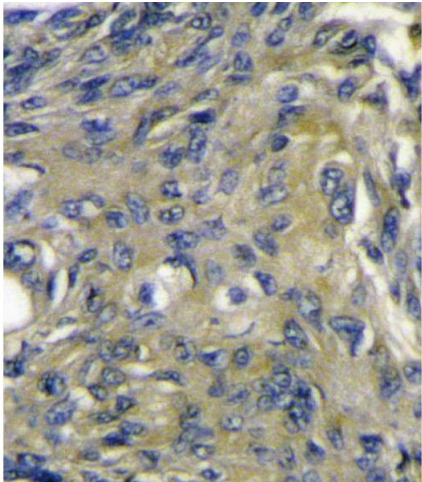
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



#### Western Blotting

**Image 1.** Western blot analysis of anti-VEGF4 Antibody Pab (AP6292b) in 293 cell line lysates.



#### Immunohistochemistry

**Image 2.** VEGFD (VEGF4) Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.