

Datasheet for ABIN3029816

anti-VEGFD antibody (C-Term, N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	VEGFD (Figf)
Binding Specificity:	C-Term, N-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VEGFD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

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.
Clone:	28AT743-288-48
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	VEGFD (Figf)
Alternative Name:	VEGF4 (Figf Products)
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.

UniProt: [O43915](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Titration of the VEGF4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

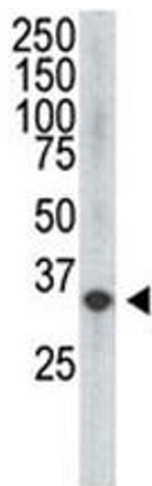
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

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

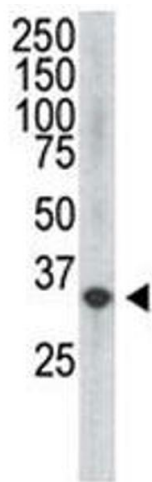
Storage: -20 °C

Storage Comment: Aliquot the VEGF4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. The VEGF4 antibody used in western blot to detect VEGF4 in HDMEC cell lysate



Western Blotting

Image 2. The VEGF4 antibody used in western blot to detect VEGF4 in HDMEC cell lysate