

Datasheet for ABIN387759

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

Overview

Quantity:	400 µL
Target:	VEGFC
Binding Specificity:	C-Term, N-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VEGFC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This monoclonal antibody is generated from mice immunized with three KLH conjugated synthetic peptides selected from the N-terminal, central, and C-terminal regions of human VEGF3.
Clone:	30AT1174-77
Isotype:	IgG1
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	VEGFC
Alternative Name:	VEGF3 (VEGFC Products)

Target Details

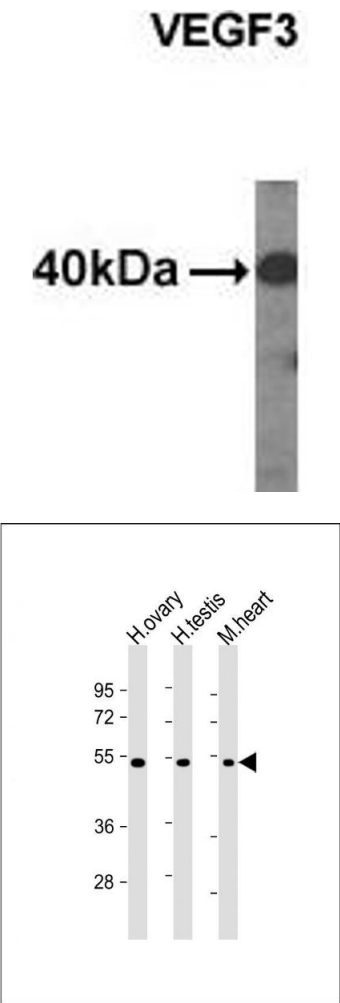
Background:	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family, is active in angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. This secreted protein undergoes a complex 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.
Molecular Weight:	46883
Gene ID:	7424
NCBI Accession:	NP_005420
UniProt:	P49767
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB: 1:2000. WB: 1:100~500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western analysis of extracts from HDMEC cells using VEGF3 antibody.

Western Blotting

Image 2. All lanes : Anti-VEGF3 Antibody at 1:2000 dilution
Lane 1: human ovary lysate Lane 2: human testis lysate
Lane 3: mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa
Blocking/Dilution buffer: 5 % NFDM/TBST.