Cat. No. DMC100276P



## **PRODUCT INFORMATION**

Clone ID **DMC276 Target VEGFA** 

**Synonyms** MVCD1; VEGF; VPF

**Host Species** Rabbit

PE-conjugated Anti-VEGFA antibody(DMC276); Description

IgG1 Chimeric mAb

**Delivery** Under Development

**Uniprot ID** P15692

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Flow Cyt 1:100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Formulation & Reconstitution

**Background** 

**DIMA Disclaimer** 

/+86-400-006-0995(China)

Liquid PBS with 0.05% Proclin300, 1% BSA

Storage & Shipping Store at 2°C-8°C for 6 months

> This gene is a member of the PDGF:VEGF growth factor family. It encodes a heparin-binding protein; which exists as a disulfide-linked

homodimer. This growth factor induces proliferation and migration of vascular endothelial cells; and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression. Elevated levels of this protein are found in patients with POEMS syndrome; also known as Crow-Fukase syndrome. Allelic variants of this gene have been associated with microvascular

complications of diabetes 1 (MVCD1) and atherosclerosis. Alternatively spliced transcript variants encoding different isoforms have been described. There is also evidence for alternative translation initiation from upstream non-AUG (CUG) codons resulting in additional isoforms. A recent study showed that a C-terminally extended isoform is produced by use of an alternative inframe translation termination codon via a stop codon readthrough mechanism; and that this isoform is antiangiogenic. Expression of some isoforms derived from the AUG start codon is

regulated by a small upstream open reading frame; which is located within an internal ribosome entry site.

**Usage** Research use only Conjugate PE-conjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

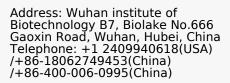
Address: Wuhan institute of actively scr Email: info@dimabio.com Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) Website: www.dimabio.com



PE-conjugated Anti-VEGFA antibody(DMC276); IgG1 Chimeric mAb

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Email: info@dimabio.com Website: www.dimabio.com

