

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

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

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frame; which is located within an internal ribosome entry site.

Usage Research use only Conjugate PE-conjugated

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

Cat. No. DMC100276P



DIMA Disclaimer

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 actively scrutinizing all patent application to JIMABIO COLIFINITATION CONTRACTOR ensure no IP infringement.

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