

## **Product datasheet for TA389496**

## Anti-VEGFA antibody(DMC276), IgG1 Chimeric mAb

## **Product data:**

**Product Type:** Primary Antibodies

Applications: FC

Recommended Dilution: Flow Cyt 1:100

Reactivity: Human
Host: Rabbit

Clonality: Monoclonal

Formulation: 1XPBS

**Concentration:** Lot specific

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

Conjugation: Unconjugated

Storage: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

for use within a month, aliquot and store at -80°C (Avoid repeated freezing and

protein, which exists as a disulfide-linked homodimer. This growth factor induces

thawing).Lyophilized antibodies are shipped at ambient temperature.

**Stability:** 12 months from date of despatch

**Background:** This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding

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

frame 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

study showed that a C-terminally extended isoform is produced by use of an alternative in-

regulated by a small upstream open reading frame, which is located within an internal

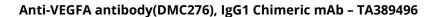
ribosome entry site.



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Synonyms: MVCD1, VEGF, VPF