

PRODUCT INFORMATION

Clone ID DM185 **Target** VFGFR2

Synonyms CD309; FLK1; VEGFR; VEGFR2

Host Species Rabbit

Biotinylated Anti-VEGFR2 antibody(DM185); Description Rabbit mAb

2-3 weeks P35968

IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Storage & Shipping

Background

Delivery

Uniprot ID

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

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

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution.

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 thawing).

Lyophilized proteins are shipped at ambient

temperature.

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor; known as kinase insert domain receptor; is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-

induced endothelial proliferation; survival;

migration; tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors; including Rab GTPase; P2Y purine nucleotide receptor; integrin alphaVbeta3; T-cell protein tyrosine phosphatase; etc.. Mutations of this gene are implicated in infantile capillary homogogiemas.

infantile capillary hemangiomas.

Usage Research use only

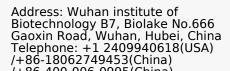
Conjugate Biotinylated

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

patent application. Any protein sequencing or **DIMA Disclaimer** reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.



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