

**12-9356B: Biotinylated Anti-VEGFR2 antibody(DM185); Rabbit mAb**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DM185
<b>Application :</b>	ELISA; Flow Cyt
<b>Reactivity :</b>	Human
<b>Gene :</b>	VEGFR2
<b>Uniprot ID :</b>	P35968
<b>Alternative Name :</b>	CD309; FLK1; VEGFR; VEGFR2
<b>Isotype :</b>	IgG

**Description**

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 hemangiomas.

**Product Info**

<b>Amount :</b>	10 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage condition :</b>	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.

**Application Note**

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