

PRODUCT INFORMATION

Clone ID	DM185
Target	VEGFR2
Synonyms	CD309; FLK1; VEGFR; VEGFR2
Host Species	Rabbit
Description	Anti-VEGFR2 antibody(DM185); Rabbit mAb
Delivery	In Stock
Uniprot ID	P35968
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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.
Storage & Shipping	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.
Background	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.
Usage	Research use only
Conjugate	Unconjugated



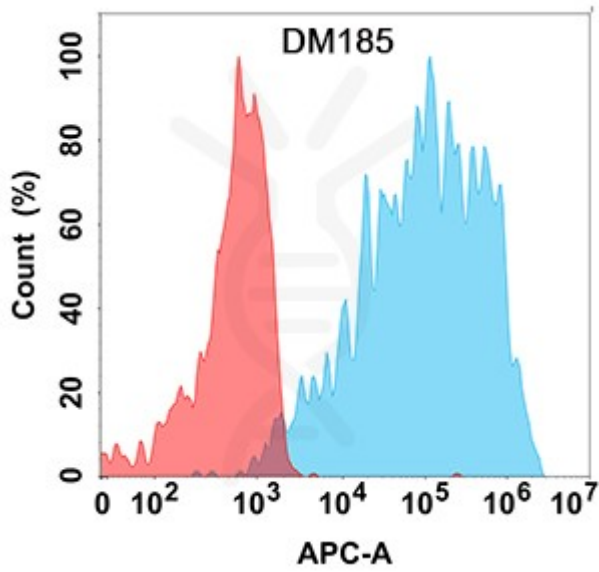


Figure 1. Flow cytometry analysis with Anti-VEGFR2 (DM185) on Expi293 cells transfected with human VEGFR2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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