

Datasheet for ABIN7608406

**anti-VEGFR2/CD309 antibody (Biotin)**[Go to Product page](#)

## Overview

|              |                                                    |
|--------------|----------------------------------------------------|
| Quantity:    | 10 µg                                              |
| Target:      | VEGFR2/CD309 (VEGFR2)                              |
| Reactivity:  | Human                                              |
| Host:        | Rabbit                                             |
| Clonality:   | Monoclonal                                         |
| Conjugate:   | This VEGFR2/CD309 antibody is conjugated to Biotin |
| Application: | ELISA, Flow Cytometry (FACS)                       |

## Product Details

|               |                                                                   |
|---------------|-------------------------------------------------------------------|
| Purpose:      | Biotinylated Anti-VEGFR2 antibody(DM185), Rabbit mAb              |
| Clone:        | DM185                                                             |
| Isotype:      | IgG                                                               |
| Purification: | Purified from cell culture supernatant by affinity chromatography |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | VEGFR2/CD309 (VEGFR2)                                                                                                                                                                                                                                                                                                                                                        |
| Alternative Name: | VEGFR2 ( <a href="#">VEGFR2 Products</a> )                                                                                                                                                                                                                                                                                                                                   |
| 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 |

## Target Details

sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin  $\alpha$ V $\beta$ 3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

UniProt: [P35968](#)

Pathways: [RTK Signaling](#), [Glycosaminoglycan Metabolic Process](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Growth Factor Binding](#), [Regulation of long-term Neuronal Synaptic Plasticity](#), [VEGF Signaling](#)

## Application Details

Application Notes: ELISA 1:5000-10000, Flow Cyt 1:100

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months