



Recombinant

DGRmAb[®]

VEGF Receptor 2 (DGR12849) Rabbit mAb

db12538 Package : 10μL 20μL 50μL 100μL

Product Name: VEGF Receptor 2 (DGR12849) Rabbit mAb

Cat.No.: db12538

Synonyms: FLK1; CD309; VEGFR; VEGFR2

Application: WB, IP
Reactivity: Human
Host species: Rabbit

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. [provided by RefSeq, May 2009]

Immunogen Recombinant protein of human VEGF Receptor 2

Gene ID 3791

Swiss Prot P35968

Synonyms FLK1; CD309; VEGFR; VEGFR2

Reactivity Human

Application WB, IP

Recommended dilution WB: 1:1000-1:5000

IP: 1:20

Calculated MW 152 kDa

Observed MW 230,210 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR12849

Isotype IgG



For Research Use Only **Product Datasheet**

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.

HUVEC

kDa 250 - _ ← 150 -100 -

75 -50 -37 -

25 -20 -15 -

10 -

Western blot analysis of extracts from HUVEC cells using db12538 at 1:1000.