

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

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.



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