

Recombinant

DGRmAb®

## VEGF Receptor 2 (DGR12849) Rabbit mAb (PBS Only)

db12538-PBS

Package : 10µg 100µg

**Product Name** : VEGF Receptor 2 (DGR12849) Rabbit mAb (PBS Only)**Cat.No.:** db12538-PBS**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

**Calculated MW**

152 kDa

**Observed MW**

230,210 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12849

**Isotype**

IgG

**Purity**

Affinity Purification

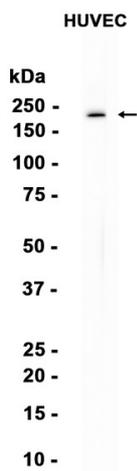
**Conjugation**

Un-conjugated

**Concentration** 1 mg/mL

**Formulation** PBS Only

**Storage Stability** Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HUVEC cells using [db12538](#) at 1:1000.