

Recombinant

DGRmAb®

VEGF Receptor 2 (DGR15717) Rabbit mAb (PBS Only)

db15008-PBS

Package : 10µg 100µg

Product Name : VEGF Receptor 2 (DGR15717) Rabbit mAb (PBS Only)**Cat.No.:** db15008-PBS**Synonyms** : orv; Flk1; Ly73; Flk-1; Krd-1; VEGFR2; VEGFR-2; sVEGFR-2; 6130401C07**Application** : WB**Reactivity** : Mouse,Rat**Host species** : Rabbit**Background**

Tyrosine-protein kinase that acts as a cell-surface receptor for VEGFA, VEGFC and VEGFD. Plays an essential role in the regulation of angiogenesis, vascular development, vascular permeability, and embryonic hematopoiesis. Promotes proliferation, survival, migration and differentiation of endothelial cells. Promotes reorganization of the actin cytoskeleton. Isoforms lacking a transmembrane domain, such as isoform 2, may function as decoy receptors for VEGFA, VEGFC and/or VEGFD. Isoform 2 plays an important role as a negative regulator of VEGFA- and VEGFC-mediated lymphangiogenesis by limiting the amount of free VEGFA and/or VEGFC and by preventing their binding to FLT4. Modulates FLT1 and FLT4 signaling by forming heterodimers.

Immunogen

Recombinant protein of mouse VEGF Receptor 2

Gene ID

16542

Swiss Prot

P35918

Synonyms

orv; Flk1; Ly73; Flk-1; Krd-1; VEGFR2; VEGFR-2; sVEGFR-2; 6130401C07

Reactivity

Mouse,Rat

Application

WB

Calculated MW

153 kDa

Observed MW

230,210 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15717

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.