

Recombinant

DGRmAb®

## VEGF Receptor 2 (DGR15717) Rabbit mAb

db15008

Package : 10µL 20µL 50µL 100µL

**Product Name :** VEGF Receptor 2 (DGR15717) Rabbit mAb**Cat.No.:** db15008**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

**Recommended dilution**

WB: 1:1000

**Calculated MW**

153 kDa

**Observed MW**

230,210 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR15717

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.