







VEGF Receptor 1 (DGR20506) Rabbit mAb

db11269 Package : 10μL 20μL 50μL 100μL

Product Name: VEGF Receptor 1 (DGR20506) Rabbit mAb

Cat.No.: db11269

Synonyms: FLT; FLT-1; VEGFR1; VEGFR-1

Application : WB, IHC-P, IP **Reactivity :** Human, Mouse, Rat

Host species: Rabbit

Background This gene encodes a member of the vascular endothelial growth factor receptor (VEGFR) family.

VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (lg)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A,

vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of

VEGFR-B and placental growth factor and plays an important role in angiogenesis and

pre-eclampsia.[provided by RefSeq, May 2009]

Immunogen A synthetic peptide of human VEGF Receptor 1

Gene ID 2321

Swiss Prot P17948

Synonyms FLT; FLT-1; VEGFR1; VEGFR-1

Reactivity Human, Mouse, Rat

Application WB, IHC-P, IP

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:100-1:200

IP: 1:20-1:100

Calculated MW 151 kDa

Observed MW 180 kDa

Host species Rabbit



For Research Use Only **Product Datasheet**

Clonality Monoclonal

Clonality No. DGR20506

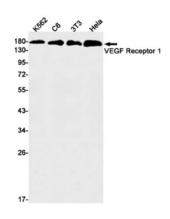
Isotype IgG

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 detection of VEGF Receptor 1 in K562,C6,3T3,Hela cell lysates using VEGF Receptor 1 antibody(1:1000 diluted).



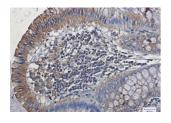
kDa 180 -130 - ←

70 -

55 -

40 -

35 -25 - Western blot analysis of extracts from Mouse brain tissue using db11269 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using db11269 antibody.