

Recombinant

DGRmAb®

VEGF Receptor 1 (DGR20506) Rabbit mAb (PBS Only)

db11269-PBS

Package : 10µg 100µg

Product Name : VEGF Receptor 1 (DGR20506) Rabbit mAb (PBS Only)**Cat.No.:** db11269-PBS**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 (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and 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 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

Calculated MW

151 kDa

Observed MW

180 kDa

Host species

Rabbit

Clonality

Monoclonal

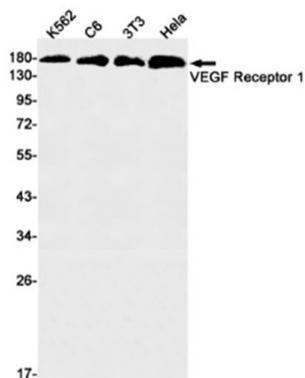
Clonality No.

DGR20506

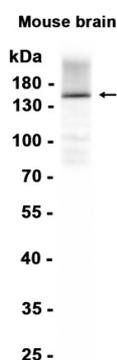
Isotype

IgG

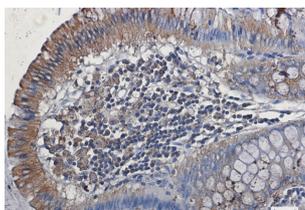
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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



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.