

Recombinant

DGRmAb®

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 (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

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

IP: 1:20-1:100

Calculated MW

151 kDa

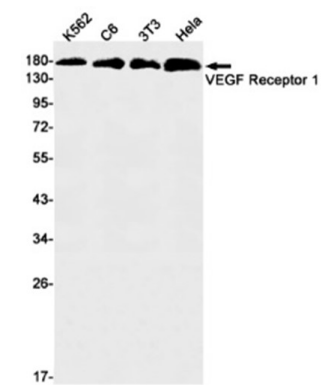
Observed MW

180 kDa

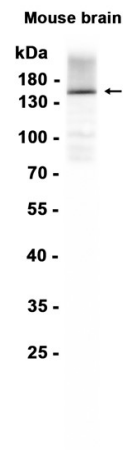
Host species

Rabbit

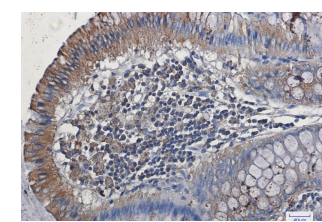
Clonality	Monoclonal
Clonality No.	DGR20506
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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



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.