German Research Products - GRP GmbH

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

Product Datasheet

VEGF antibody GRP28

Description This gene is a member of the PDGF/VEGF growth factor family

and encodes a protein that is often found as a disulfide linked homodimer. This protein is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, and inhibiting apoptosis. Elevated levels of this protein is linked to POEMS syndrome, also known as Crow-Fukase syndrome. Mutations in this gene have been associated with proliferative and nonproliferative diabetic retinopathy. Alternatively spliced transcript variants, encoding either freely secreted or cell-associated isoforms, have been characterized. There is also evidence for the use of non-AUG (CUG) translation initiation sites upstream of, and in-frame with the first AUG, leading to additional isoforms. [provided by RefSeq]

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

Immunogen Recombinant protein encompassing a sequence within the

C-terminus region of human VEGF. The exact sequence is

proprietary.

Form/Appearance Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was

added as a preservative.

Concentration 0.77 mg/ml

Storage Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

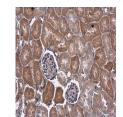
Note For research use only.

Isotype IgG

Clonality Polyclonal

Purity Purified by antigen-affinity chromatography.

Dilution Range WB: 1:500-1:3000,IHC-P: 1:100-1:1000



VEGF antibody detects
VEGF
protein at cytoplasm in
mouse
kidney by
immunohistochemical
analysis. Sample:
Paraffin-embedded mouse
kidney. VEGF antibody
(GRP480)
diluted at 1:500.



VEGF antibody detects
VEGF
protein at cytoplasm in
mouse
muscle by
immunohistochemical
analysis. Sample:
Paraffin-embedded mouse
muscle. VEGF antibody
(GRP480)
diluted at 1:500.