

Rabbit anti-Human VEGF121 mAb(DET)

Catalog No.: RMK0316

Basic Information

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Catagory
Elisa Antibody Kit

Application
multiplex assay

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS,PH 7.4 containing Human VEGF121 Antibody

Contact

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Background

This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, which exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression. Elevated levels of this protein are found in patients with POEMS syndrome, also known as Crow-Fukase syndrome. Allelic variants of this gene have been associated with microvascular complications of diabetes 1 (MVCD1) and atherosclerosis. Alternatively spliced transcript variants encoding different isoforms have been described. There is also evidence for alternative translation initiation from upstream non-AUG (CUG) codons resulting in additional isoforms. A recent study showed that a C-terminally extended isoform is produced by use of an alte...

Immunogen Information

Immunogen
Recombinant Human VEGF121 Protein

Cross-Reactivity

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Assay Applications

Human VEGF121 multiplex assay

	Recommended Concentration	Sample
Multiplex Capture	3-20ug/mL	Rabbit anti-Human VEGF121 mAb(Cat. No.RM17781)
Multiplex Detection	0.017-2ug/mL	Rabbit anti-Human VEGF121 mAb(Cat. No.RMK0316)
Standard	6.86-5000pg/mL	RecombinantHuman VEGF121 Protein

Validation Data

Standard Curve Chart

