Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human VEGFR2/Flk-1 mAb

Catalog No.: RMK0019

Basic Information

Catalog No.
RMK0019

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
/

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

Contact

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Background

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

Immunogen Information

Immunogen
Recombinant human VEGFR2/Flk-1 Protein

Cross-Reactivity

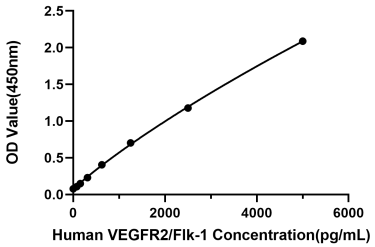
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Assay Applications

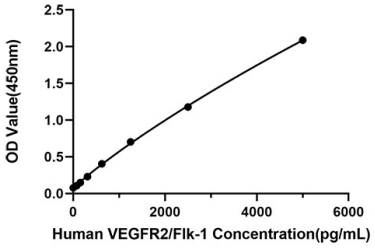
Human VEGFR2/Flk-1 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Human VEGFR2/Flk-1 mAb (Cat. No. RMK0019)
	Detection	0.25-1 μg/mL	Rabbit anti-Human VEGFR2/Flk-1 mAb (Cat. No. RMK0020)
	Standard	78.13-5000 pg/mL	Recombinant Human VEGFR-2/KDR/CD309 Protein (Cat. No. RP00084)

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.



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