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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

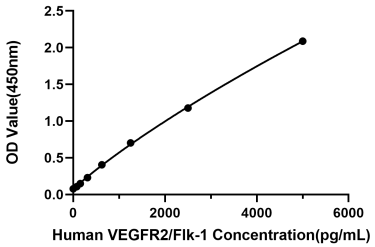
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## Assay Applications

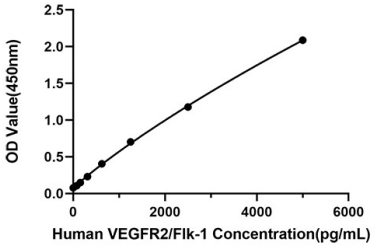
Human VEGFR2/Flk-1 Sandwich Immunoassay

| | | 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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