

**VEGF R2/KDR**  
**Catalog # PVGS1822****Specification**

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**VEGF R2/KDR - Product Information**

Primary Accession [F7E313](#)  
**Species**  
Rhesus macaque

**Sequence**  
Ala20-Glu764

**Purity**  
> 95% as determined by Bis-Tris PAGE  
> 95% as determined by HPLC

**Endotoxin Level**  
Less than 1EU per µg by the LAL method.

**Biological Activity**  
Immobilized VEGF R2/KDR, His, Rhesus macaque (Cat.No.: Z03975) at 0.2 µg/ml (100 µl/Well) on the plate can bind Anti-VEGF R2 Antibody, hFc Tag

**Expression System**  
HEK293

**Theoretical Molecular Weight**  
84.37 kDa

Formulation **Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).**

**Reconstitution**  
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH<sub>2</sub>O more than 100 µg/ml.

**Storage & Stability**  
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

**VEGF R2/KDR - Additional Information**

**Target Background**  
Vascular endothelial growth factor receptor 2 (VEGFR2) is one kind of tyrosine kinase receptors. VEGFR2 acts as a cell-surface receptor for VEGFA, VEGFB and PGF. It plays an important role in the development of embryonic vasculature, cell survival and cancer cell invasion. VEGFR2 is a key regulator of angiogenesis.

**VEGF R2/KDR - Protein Information**

**VEGF R2/KDR - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**VEGF R2/KDR - Images**