

## Phospho-VEGF Receptor 1/Flt-1 (Tyr1048) Rabbit Polyclonal Antibody

### Catalog #: EAB13029

| Host/Isotype | Clonality  | Applications         | MW (kDa) | Reactivity        |
|--------------|------------|----------------------|----------|-------------------|
| Rabbit IgG   | Polyclonal | WB, IHC-P, IF, ELISA | 151      | Human, Mouse, Rat |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|  |              |
|--|--------------|
| WB(Western Blotting)                     | 1:500-2000   |
| IHC-P(Immunohistochemistry-Paraffin)     | 1:50-300     |
| IF(Immunofluorescence)                   | 1:50-300     |
| ELISA(Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

### Product Information

|                |   |
|----------------|---|
| Conjugate      | Unconjugate   |
| Specificity    | Phospho-VEGF Receptor 1/Flt-1 (Tyr1048) Rabbit Polyclonal Antibody detects endogenous levels of VEGFR1 protein only when phosphorylated at Tyr1048. |
| Purification   | Affinity purification   |
| Concentration  | 1mg/ml  |
| Format         | Liquid  |
| Formulation    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol  |
| Shipping       | Gel Pack  |
| Storage        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks              |
| UniProt ID     | <a href="#">P17948</a>  |
| Entrez-Gene Id | <a href="#">2321</a>  |

### Product Description

This gene encodes a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.

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