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# Phospho-VEGF Receptor 2-Y1175 Rabbit pAb

**货号: AYP21167**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | **WB:** 1:500 - 1:2000 |
| 理论分子量 | 75kDa/79kDa/151kDa |
| 实测分子量 | 230KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | HUVEC |
| 细胞定位 | Cell junction,Cell membrane,Cytoplasm,Cytoplasmic vesicle,Early endosome,Endoplasmic reticulum,Nucleus,Secreted,Single-pass type I membrane protein |
| 纯化 | Affinity purification |

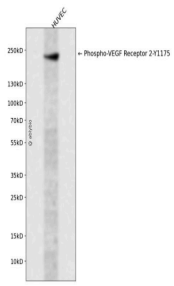
## 抗原信息

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|---|---|
| 抗原信息 | A synthetic phosphorylated peptide around Y1175 of human VEGF Receptor 2 (NP_002244.1). |

## 靶点信息

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| 研究背景 | 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. [provided by RefSeq, May 2009] |
| 基因ID | 3791 |
| 基因名 | KDR |
| Swiss | P35968 (https://www.uniprot.org/uniprotkb/P35968/entry) |
| 别名 | CD309,FLK1,VEGFR,VEGFR2,VEGF Receptor 2,KDR,Phospho-VEGF Receptor 2-Y1175 Rabbit pAb,Fetal liver kinase 1,Kinase insert domain receptor,Protein-tyrosine kinase receptor flk-1 |

## 产品验证




Western blot analysis of Phospho-VEGF Receptor 2-Y1175 expressed in HUVEC using Phospho-VEGF Receptor 2-Y1175 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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