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# Phospho-VEGF Receptor 2-Y1175 Rabbit pAb

货号: **AYP21167**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 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°C. Avoid freeze / thaw cycles. 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

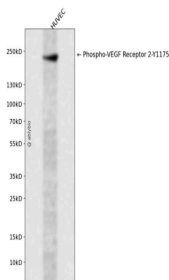
## 抗原信息

抗原信息	A synthetic phosphorylated peptide around Y1175 of human VEGF Receptor 2 (NP_002244.1).
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## 靶点信息

研究背景	Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encode s one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type II I 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 hema ngiomas. [provided by RefSeq, May 2009]
基因ID	3791
基因名	KDR
Swiss	P35968 ( <a href="https://www.uniprot.org/uniprotkb/P35968/entry">https://www.uniprot.org/uniprotkb/P35968/entry</a> )
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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