

产品名称: KDR Mouse Monoclonal Antibody  
产品货号: AMM82258



## 产品概述 (Summary)

|                        |                               |
|------------------------|-------------------------------|
| 产品名称 (Production Name) | KDR Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody     |
| 宿主 (Host)              | Mouse                         |
| 应用 (Application)       | ELISA,FC                      |
| 种属反应性 (Reactivity)     | Human                         |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                             |
| 修饰 (Modification)   | Unmodified                                                                               |
| 同种型 (Isotype)       | Mouse IgG1                                                                               |
| 克隆 (Clonality)      | Monoclonal                                                                               |
| 形式 (Form)           | Liquid                                                                                   |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液 (Buffer)       | Purified antibody in PBS with 0.05% sodium azide                                         |
| 纯化方式 (Purification) | Affinity Purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | KDR                                                                                     |
| 别名 (Alternative Names) | FLK1; CD309; VEGFR; VEGFR2                                                              |
| 基因 ID (Gene ID)        | 3791.0                                                                                  |
| 蛋白 ID (SwissProt ID)   | P35968.Purified recombinant fragment of human KDR (AA: 1225-1356) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                     |
|--------------------------|-------------------------------------|
| 稀释比 (Dilution Ratio)     | ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 151.5kDa                            |

## 研究背景 (Background)

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two

产品名称: KDR Mouse Monoclonal Antibody  
产品货号: AMM82258

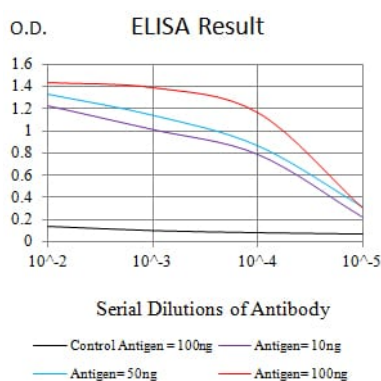


receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin  $\alpha V\beta 3$ , T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas. [provided by RefSeq, May 2009]

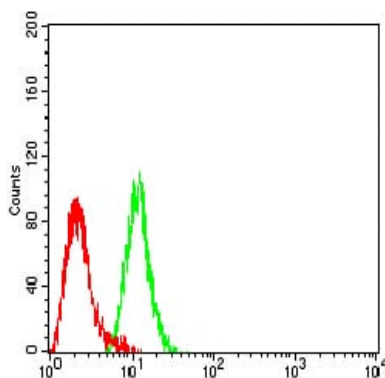
## 研究领域 (Research Area)

TGF-beta signaling pathway, PI3K-Akt signaling pathway, Hippo signaling pathway

## 图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Flow cytometric analysis of Hela cells using KDR mouse mAb (green) and negative control (red).

## 注意事项 (Note)

For research use only .