

**产品名称: FAK (3D8) Mouse Monoclonal Antibody**  
**产品货号: AMM03501**



## 产品概述 (Summary)

|                        |                                     |
|------------------------|-------------------------------------|
| 产品名称 (Production Name) | FAK (3D8) Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody           |
| 宿主 (Host)              | Mouse                               |
| 应用 (Application)       | WB, ICC/IF, IP                      |
| 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)       | 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)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化方式 (Purification) | Affinity Purification                                                                          |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | PTK2<br>PTK2; FAK; FAK1; Focal adhesion kinase 1; FADK 1; Focal adhesion kinase-related nonkinase; FRNK; Protein phosphatase 1 regulatory subunit 71; PPP1R71; Protein-tyrosine kinase 2; p125FAK; pp125FAK |
| 别名 (Alternative Names) |                                                                                                                                                                                                             |
| 基因 ID (Gene ID)        | 5747                                                                                                                                                                                                        |
| 蛋白 ID (SwissProt ID)   | Q05397.                                                                                                                                                                                                     |

## 产品应用 (Application)

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 119 kDa; Observed MW: 125 kDa     |

产品名称: FAK (3D8) Mouse Monoclonal Antibody  
产品货号: AMM03501



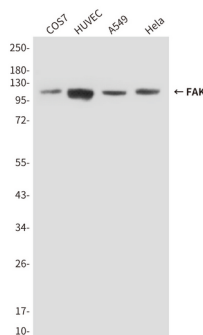
## 研究背景 (Background)

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix.

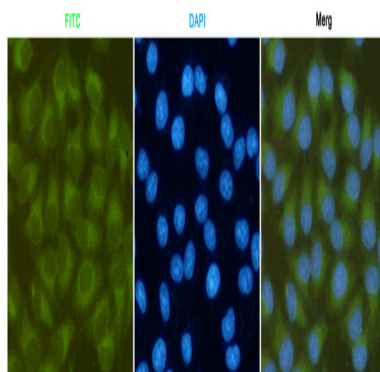
## 研究领域 (Research Area)

Cardiovascular

## 图片 (Image Data)

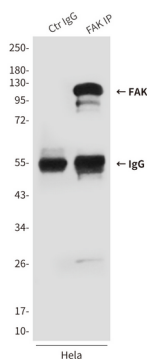


Western blot analysis of FAK in COS7, HUVEC, A549 and Hela lysates using FAK antibody.



Immunofluorescence analysis of FAK (3D8) in Hela using FAK antibody.

产品名称: FAK (3D8) Mouse Monoclonal Antibody  
产品货号: AMM03501



Immunoprecipitation analysis of FAK (3D8) in HeLa lysates using FAK antibody.

### 注意事项 (Note)

For research use only .