**产品名称：CDK5 (2E8) Mouse Monoclonal Antibody**
**产品货号：AMM03453**

## 产品概述（Summary）

| | |
|---|---|
| **产品名称（Production Name）** | CDK5 (2E8) Mouse Monoclonal Antibody |
| **描述（Description）** | Mouse monoclonal Antibody |
| **宿主（Host）** | Mouse |
| **应用（Application）** | WB,ICC/IF |
| **种属反应性（Reactivity）** | Human,Mouse,Rat,Monkey |

## 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）** | CDK5 |
| **别名（Alternative Names）** | Cdk 5; Cdk5; CDK5_HUMAN; Cell division protein kinase 5; Crk6; Cyclin dependent kinase 5; Cyclin-dependent kinase 5; Protein kinase CDK5 splicing; PSSALRE; Serine threonine protein kinase PSSALRE; Serine/threonine-protein kinase PSSALRE; Tau protein kinase II catalytic subunit; TPKII catalytic subunit. |
| **基因 ID（Gene ID）** | 1020 |
| **蛋白 ID（SwissProt ID）** | Q00535. |

## 产品应用（Application）

| | |
|---|---|
| **稀释比（Dilution Ratio）** | WB 1:500-1:1000,ICC/IF 1:50-1:200 |
| **蛋白分子量（Molecular Weight）** | Calculated MW: 33 kDa; Observed MW: 36 kDa |

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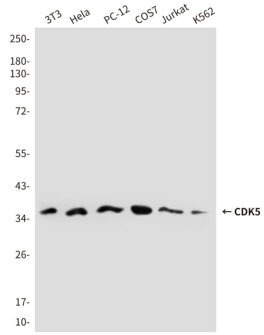
## 研究背景（Background）

Activated by cyclins but by p35 (CDK5R1) and p39. An important regulator of neuronal positioning during brain development. May also play a role in synaptogenesis and neurotransmission. Substrates include TAU, MAP2, NF-H and -M, Nudel, PDE6, beta-catenin, amphyphysin, dynamin I, synapsin 1, Munc-18, and NMDA receptor 2A. Plays a role in myogenesis, haematopoietic cell differentiation, spermatogenesis, insulin secretion, and lens differentiation.

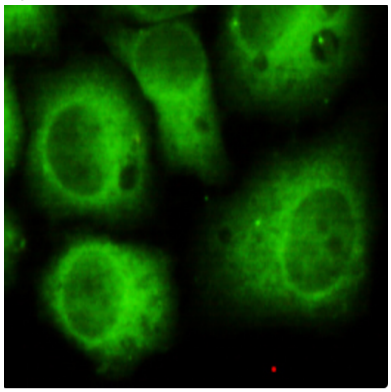
## 研究领域（Research Area）

Cell Biology

## 图片（Image Data）




Western blot analysis of CDK5(Nterminus) in 3T3, Hela, PC-12, COS7, Jurkat and K562 lysates using Cdk5 antibody.



Immunocytochemistry analysis of CDK5 in HeLa cells using CDK5 antibody.

## 注意事项（Note）

For research use only .