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# ERK1/2 (YD11869) Rabbit mAb

**货号: AYD11649**

## 产品信息

| | |
|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB ICC/IF FC IP |
| 推荐浓度 | |
| 理论分子量 | 41kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | HeLa,A-549,NIH/3T3,C6,Mouse brain,Mouse thymus,Rat brain |
| 细胞定位 | Cytoplasm, cytoskeleton, spindle, Nucleus, microtubule organizing center, centrosome, Membrane, caveola, Cell junction, focal adhesion |
| 纯化 | 亲和纯化 |

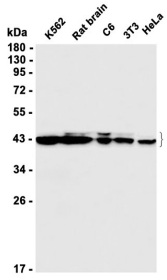
## 抗原信息

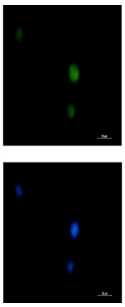
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| 抗原信息 | |

## 靶点信息

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| 研究背景 | This gene encodes a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. One study also suggests that this protein acts as a transcriptional repressor independent of its kinase activity. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene. |
| 基因ID | 5594 |
| 基因名 | MAPK1 |
| Swiss | P28482 (https://www.uniprot.org/uniprotkb/P28482/entry) |
| 别名 | ERK1/2 (YD11869),ERK1/2 (YD11869) Rabbit mAb,MAPK1,ERT1,Extracellular signal-regulated kinase 2,MAP kinase isoform p42,Mitogen-activated protein kinase 2,ERK2,PRKM1,PRKM2 |

## 产品验证



## 实验步骤

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