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# MEK1 Rabbit mAb

**货号: AYM30642**

## 产品信息

| | |
|---|---|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC ICC IP |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200<br>**ICC:** 1:50 - 1:200<br>**IP:** 1:20 - 1:50 |
| 理论分子量 | 40kDa/43kDa |
| 实测分子量 | 45kDa |
| 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 | Jurkat,HeLa,A-431,MCF-7,Mouse Liver,Mouse Kidney,Rat Thymus |
| 细胞定位 | Cytoplasm,Membrane,Nucleus,Peripheral membrane protein,centrosome,cytoskeleton,microtubule organizing center,spindle pole body |
| 纯化 | Affinity purification |

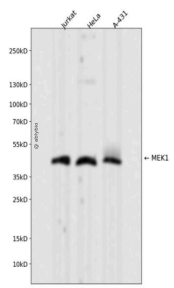
## 抗原信息

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|---|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human MEK1 . |

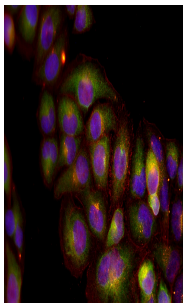
## 靶点信息

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| 研究背景 | The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development. |
| 基因ID | 5604 |
| 基因名 | MAP2K1 |
| Swiss | Q02750 (https://www.uniprot.org/uniprotkb/Q02750/entry) |
| 别名 | MEK1,Dual specificity mitogen-activated protein kinase kinase 1,ERK activator kinase 1,MAP kinase kinase 1,MAP kinase/Erk kinase 1,MAP2K1,MAPK/ERK kinase 1,MAPKK 1,MAPKK1,MEK 1,MEKK1,Mitogen activated protein kinase kinase 1,MKK 1,MKK1,MP2K1_HUMAN,PRKMK1,Protein kinase mitogen activated kinase 1 (MAP kinase kinase 1),Protein kinase mitogen activated,kinase 1,MEK1 Rabbit mAb |

## 产品验证




Western blot analysis of MEK1 expressed in Jurkat,HeLa,A-431 using MEK1 Rabbit mAb 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.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab MEK1 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI(blue).

## 实验步骤

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