

# TGF beta Receptor II (YD33725) Rabbit mAb

货号: **AYD13061**

## 产品信息

|       |   |
|-------|---|
| 反应    | Mouse   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB IP   |
| 推荐浓度  |   |
| 理论分子量 | 64kDa   |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  |   |
| 细胞定位  | Cell membrane, Membrane raft  |
| 纯化    |   |

## 抗原信息

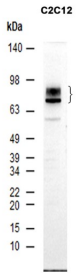
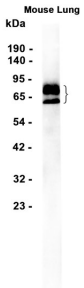
|      |  |
|------|--|
| 抗原信息 |  |
|------|--|

## 靶点信息

|      |   |
|------|---|
| 研究背景 | <p>Transmembrane serine/threonine kinase forming with the TGF-beta type I serine/threonine kinase receptor, TGFBR1, the non-promiscuous receptor for the TGF-beta cytokines TGFB1, TGFB2 and TGFB3. Transduces the TGFB1, TGFB2 and TGFB3 signal from the cell surface to the cytoplasm and is thus regulating a plethora of physiological and pathological processes including cell cycle arrest in epithelial and hematopoietic cells, control of mesenchymal cell proliferation and differentiation, wound healing, extracellular matrix production, immunosuppression and carcinogenesis. The formation of the receptor complex composed of 2 TGFBR1 and 2 TGFBR2 molecules symmetrically bound to the cytokine dimer results in the phosphorylation and the activation of TGFBR1 by the constitutively active TGFBR2. Activated TGFBR1 phosphorylates SMAD2 which dissociates from the receptor and interacts with SMAD4. The SMAD2-SMAD4 complex is subsequently translocated to the nucleus where it modulates the transcription of the TGF-beta-regulated genes. This constitutes the canonical SMAD-dependent TGF-beta signaling cascade. Also involved in non-canonical, SMAD-independent TGF-beta signaling pathways (By similarity)</p> |
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|       |                                |
|-------|--------------------------------|
| 基因ID  | 3134                           |
| 基因名   | Tgfbr2                         |
| Swiss | Q62312                         |
| 别名    | TGF beta Receptor II (YD33725) |

## 产品验证



## 实验步骤

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