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# CD275 Rabbit mAb

**货号: B31307**

## 产品信息

| | |
|---|---|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | **WB:** 1:500 - 1:2000 |
| 理论分子量 | 20kDa/33kDa/34kDa |
| 实测分子量 | 55-70kDa |
| 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 | U-937,Rat kidney |
| 细胞定位 | Membrane,Single-pass type I membrane protein |
| 纯化 | Affinity purification |

## 抗原信息

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|---|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human CD275. |
| 序列 | DTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESKTVVTYHIPQNSSLENVDSRYRNRALMSPAGMLRGDF<br>SLRLFNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVAANFSVPVVSAPHSPSQDELTFTCTSINGYPRPNVYWINKTDN<br>SLLDQALQNDTVFLNMRGLYDVVSVLRIARTPSVNIGCCIENVLLQQNLTVGSQTGNDIGERDKITENPVSTGEKNAAT |

## 靶点信息

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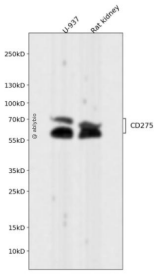
| 研究背景 | Inducible co-stimulator ligand (ICOSL), also known as B7-H2, is a member of the B7 family of co-stimulatory molecules related to B7-1 and B7-2. It is a transmembrane glycoprotein with extracellular IgV and IgC domains, and binds to ICOS on activated T cells, thus delivers a positive costimulatory signal for optimal T cell function. The structural features of ICOSL are crucial for its costimulatory function. Present study shows that ICOSL displays a marked oligomerization potential, resembling more like B7-1 than B7-2. B7-H2-dependent signaling may play an active role in a proliferative response rather than in cytokine and chemokine production. The CD28/B7 and ICOS/B7-H2 pathways are both critical for costimulating T cell immune responses. Deficiency in either pathway results in defective T cell activation, cytokine production and germinal center formation. |
| 基因**ID** | 23308 |
| 基因名 | |
| **Swiss** | O75144 |
| 别名 | ICOSLG;B7-H2;B7H2;B7RP-1;B7RP1;CD275;GL50;ICOS-L;ICOSL;LICOS |

## 产品验证




Western blot analysis of CD275 expressed in U-937,Rat kidney using CD275 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.

## 实验步骤

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