

Granzyme B (YD20359) Rabbit mAb

货号: **AYD12812**

产品信息

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| 反应 | Mouse |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB FC |
| 推荐浓度 | |
| 理论分子量 | 27kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | |
| 细胞定位 | Secreted, Cytolytic granule |
| 纯化 | |

抗原信息

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| 抗原信息 | |
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靶点信息

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| 研究背景 | Abundant protease in the cytosolic granules of cytotoxic T-cells and NK-cells which activates caspase-independent pyroptosis when delivered into the target cell through the immunological synapse (PubMed:3555842, PubMed:35705808). It cleaves after Asp (PubMed:35705808). Once delivered into the target cell, acts by catalyzing cleavage of gasdermin-E (GSDME), releasing the pore-forming moiety of GSDME, thereby triggering pyroptosis and target cell death (By similarity). Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution (By similarity). Cleaves caspase-3 and -9 (CASP3 and CASP9, respectively) to give rise to active enzymes mediating apoptosis (PubMed:35705808). Cleaves and activates CASP7 in response to bacterial infection, promoting plasma membrane repair (PubMed:35705808) |
| 基因ID | 3134 |

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| 基因名 | Gzmb |
| Swiss | P04187 |
| 别名 | Granzyme B (YD20359) |

产品验证

实验步骤

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