

Granzyme B (YD20678) Rabbit mAb

货号: **AYD14252**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P IP
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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靶点信息

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

基因名	Gzmb
Swiss	P04187
别名	Granzyme B (YD20678)

产品验证

实验步骤

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