

Renilla Luciferase (YD15022) Rabbit mAb

货号: **AYD11042**

产品信息

反应	Renilla reniformis
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF
推荐浓度	
理论分子量	36kDa
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	
纯化	

抗原信息

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靶点信息

研究背景	Upon binding the substrate, the enzyme catalyzes an oxygenation, producing a very short-lived hydroperoxide that cyclizes into a dioxetanone structure, which collapses, releasing a CO(2) molecule. The spontaneous breakdown of the dioxetanone releases the energy (about 50 kcal/mole) that is necessary to generate the excited state of the coelenteramide product, which is the singlet form of the monoanion. In vivo the product undergoes the process of nonradiative energy transfer to an accessory protein, a green fluorescent protein (GFP), which results in green bioluminescence. In vitro, in the absence of GFP, the product emits blue light
基因ID	3134
基因名	

Swiss	P27652
别名	Renilla Luciferase (YD15022)

产品验证

实验步骤

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