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GFP抗体(小鼠单抗)

产品编号	产品名称	包装
AG281	GFP抗体(小鼠单抗)	>40次

产品简介:

来源	用途	抗体识别位点	抗体类型	GFP分子量
Mouse	WB, IP, IF	Full length GFP	IgG2a	~27kD

WB, Western blot; IP, Immunoprecipitation; IF, Immunofluorescence.

- 本GFP抗体(小鼠单抗), 即mouse monoclonal GFP antibody, 为进口分装, 用全长的来源于水母的GFP (green fluorescent protein) 作为抗原制备得到的抗GFP小鼠单克隆抗体。克隆号为B-2。
- 本GFP抗体可以识别GFP以及GFP的一些突变体例如EGFP (enhanced green fluorescent protein)。
- GFP或其突变体EGFP等被广泛用于基因表达效率的检测, 以及和目的蛋白融合表达用于检测目的蛋白的表达和分布。本GFP抗体不仅可以检测GFP或其适当的突变体, 也可以检测和GFP或其适当的突变体融合表达的蛋白。
- 配套提供了Western一抗稀释液, 可以用于Western检测时的一抗稀释。
- 建议抗体使用时的稀释比例如下(实际使用时需根据GFP表达水平的高低作适当调整):

WB	IP	IF
1:200-1000	1:100	1:200

- 本抗体用于常规的Western检测, 如果稀释比例为1:1000, 则至少可以检测40次。

包装清单:

产品编号	产品名称	包装
AG281-1	GFP抗体(小鼠单抗)	40μl
AG281-2	Western一抗稀释液	40ml
—	说明书	1份

保存条件:

GFP抗体(小鼠单抗)-20℃保存, Western一抗稀释液-20℃或4℃保存, 一年有效。Western一抗稀释液优先推荐4℃保存, 长期不使用可以考虑-20℃保存, 但冻融可能会导致出现轻微的浑浊和少量不溶物。

注意事项:

- 对于本抗体, Western检测时一抗要4℃缓慢摇动过夜, 如果仅短时间与一抗孵育检测效果较差。
- 在Western实验后, 请注意回收稀释的抗体。回收的抗体在进行Western实验时至少可以重复使用10次。稀释后的抗体, 包括已经使用过的稀释抗体, 4℃保存。
- 回收后重复使用的抗体, 使用方法同新鲜稀释的抗体。如果在重复使用过程中发现抗体出现轻微混浊现象, 可以10000g离心1-3分钟, 取上清用于后续检测。如果回收的抗体出现明显的絮状物或长霉长菌等情况, 则可以考虑废弃该抗体。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

使用说明:

1. Western检测:

- 按照1:1000用碧云天提供的Western一抗稀释液稀释抗体。如果GFP阳性的细胞低于30%, 建议适当提高抗体浓度, 例如按照1:500或1:200稀释GFP抗体。
- 把经过封闭的蛋白膜与稀释好的一抗4℃缓慢摇动过夜, 确保稀释的抗体至少能在摇动的瞬间覆盖蛋白膜。
- 回收稀释的一抗, 4℃保存以备下次继续使用。
- 按照Western的实验步骤进行后续的洗涤、二抗孵育、洗涤和检测等操作。具体操作可以参考如下网页:

<http://www.beyotime.com/support/western.htm>

2. 免疫染色:

可以使用碧云天生产的免疫染色一抗稀释液(P0103)稀释抗体, 使用后注意回收稀释好的一抗, 具体操作可以参考如下网页:

<http://www.beyotime.com/support/immunol-staining.htm>

3. 其它实验操作请自行参考适当的protocol进行。

使用本产品的文献:

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