



碧云天生物技术/Beyotime Biotechnology  
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## Western一抗二抗去除液(强碱性)

产品编号	产品名称	包装
P0025-250ml	Western一抗二抗去除液(强碱性)	250ml
P0025-1L	Western一抗二抗去除液(强碱性)	1L

### 产品简介:

- Western一抗二抗去除液(Stripping buffer), 用于Western中转移了蛋白的膜的重复利用。在Western中完成了一抗二抗结合和后续的化学发光检测后, 有时还需要检测tubulin、actin等表达量相对稳定的蛋白作为参照, 或检测其它蛋白进行比较。通过使用一抗二抗去除液, 充分去除一抗二抗, 可以非常方便地重新利用使用过的膜检测其它蛋白。和重新跑一个SDS-PAGE胶相比, 不仅省时省力, 而且可以消除重新上样而带来的误差, 使可比性更强。
- 使用Western一抗二抗去除液多次重复使用同一张膜, 会导致蛋白信号的减弱。但是, 本Western一抗二抗去除液, 经过多个抗体的检测试验, 通常可以重复利用膜3-5次。
- 使用本试剂只需大约15-20分钟即可实现蛋白膜的重复使用, 然后可以进行封闭等后续的Western操作。
- 碧云天生产的不同的Western一抗二抗去除液主要在去除结合的一抗二抗的原理方面略有不同。分别依靠去垢剂、酸性、碱性、还原剂、螯合剂、盐浓度以及一些特殊试剂等的不同组合来解除一抗二抗的结合, 同时又不会导致转移到膜上的蛋白的损失。
- 关于Western一抗二抗去除液的选择, 一方面可以参考碧云天的相关网页:  
<http://www.beyotime.com/support/stripping-buffer.htm>; 另一方面也需要通过一些预实验来摸索最佳的适合您实验条件的Western一抗二抗去除液。

### 包装清单:

产品编号	产品名称	包装
P0025-250ml	Western一抗二抗去除液(强碱性)	250ml
P0025-1L	Western一抗二抗去除液(强碱性)	500ml×2
—	说明书	1份

### 保存条件:

室温保存, 一年有效。

### 注意事项:

- 使用辣根过氧化物酶(HRP), 任何一次封闭(blocking)都应当使用 5%脱脂牛奶, 如果使用碱性磷酸酯酶, 任何一次封闭都应当使用酪蛋白(casein)。
- 为取得最佳效果, 推荐使用PVDF膜。但硝酸纤维素膜也可以使用本Western一抗二抗去除液。
- 使用ECL、BeyoECL等类似的化学发光试剂进行的Western检测适用本试剂。使用非化学发光试剂进行的Western检测, 例如DAB, NBT/BCIP, 不适用于本试剂。
- 本Western一抗二抗去除液有轻微腐蚀性, 使用时请注意防护。
- 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. 在完成Western化学发光检测后, 蒸馏水中漂洗5分钟。
2. 弃蒸馏水, 加入适量的Western一抗二抗去除液(强碱性), 至少需把膜完全覆盖。在摇床上漂洗5分钟。
3. 弃Western一抗二抗去除液(强碱性), 加入蒸馏水漂洗一次。然后再加入足量蒸馏水, 在摇床上漂洗5分钟。
4. 进行封闭(blocking)等Western的后续操作。

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