



碧云天生物技术/Beyotime Biotechnology
 订货热线: 400-1683301或800-8283301
 订货e-mail: order@beyotime.com
 技术咨询: info@beyotime.com
 网址: http://www.beyotime.com

脱脂奶粉(Blotting Grade)

产品编号	产品名称	包装
P0216-300g	脱脂奶粉(Blotting Grade)	300g
P0216-1500g	脱脂奶粉(Blotting Grade)	1500g

产品简介:

- 碧云天生产的脱脂奶粉(Blotting Grade), 即nonfat powdered milk, non-fat powdered milk, nonfat dry milk or skim milk for western blotting applications, 是通过将精选的低免疫源性的鲜牛奶脱去脂肪后干燥而成, 并经Western检测验证可以用于配制Western检测时的封闭液(Blocking Buffer)、一抗稀释液和二抗稀释液。
- 脱脂奶粉是最常用的Western检测的封闭液组分之一。本产品溶解性好, 使用本产品封闭后, 可以有效减少一抗或二抗和膜的非特异性结合, 降低背景, 增强信噪比。
- 脱脂奶粉配制的封闭液和BSA(牛血清白蛋白)配制的封闭液不同, 前者是不透明的, 后者是透明的。更多的用户喜欢使用BSA作为主要的有效封闭成分。但BSA的价格远高于脱脂奶粉。
- 对于特定目标蛋白的Western检测, 有时使用BSA作为主要封闭组分的效果更好, 有时使用脱脂奶粉的封闭效果更好。通常优先参考一抗生产商推荐的封闭液进行封闭, 如果封闭效果不好, 可以尝试BSA和脱脂奶粉中的另外一种。如果希望快速有效地完成封闭和检测, 推荐使用碧云天生产的QuickBlock™系列产品, 包括QuickBlock™ Western封闭液、QuickBlock™ Western一抗稀释液和QuickBlock™ Western二抗稀释液等多个产品。QuickBlock™系列产品能实现超快速并且更好效果的封闭。

包装清单:

产品编号	产品名称	包装
P0216-300g	脱脂奶粉(Blotting Grade)	300g
P0216-1500g	脱脂奶粉(Blotting Grade)	1500g
—	说明书	1份

保存条件:

室温保存, 一年有效。4°C保存, 两年有效。

注意事项:

- 通常在室温封闭60分钟即可。如果对于一些背景非常高的抗体, 可以尝试4°C封闭过夜。
- 脱脂奶粉成分比较复杂, 可能含有微量的生物素, 故不适合生物素-亲和素检测系统。
- 尽量避免用于稀释anti-goat及anti-sheep的二抗。
- 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. 配制Western封闭液: 脱脂奶粉的浓度通常为3-5%(w/v), 推荐使用碧云天生产的P0023C Western洗涤液或者稀释成1X的P0023C3 Western洗涤液(10X)或P0023C6 Western洗涤液(10X)进行配制, 也可以使用TBSTw (20 mM Tris pH 7.6, 137 mM NaCl, 0.1% Tween 20)进行配制。
2. 一抗和二抗也可以用该封闭液稀释。
3. 样品完成转膜后, 用Western洗涤液洗涤蛋白膜1-2分钟。加入Western封闭液, 封闭60分钟后, 然后用Western洗涤液洗涤蛋白膜1-2次, 每次1-2分钟。随后进行一抗孵育等后续操作。详细的Western操作可以参考如下的相关网页:
<https://www.beyotime.com/support/western.htm>

相关产品:

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P0216-300g	脱脂奶粉(Blotting Grade)	300g
P0216-1500g	脱脂奶粉(Blotting Grade)	1500g
ST023-50g	BSA, Fraction V	50g
ST023-200g	BSA, Fraction V	200g
ST023-1000g	BSA, Fraction V	1000g

P0023B-100ml	Western封闭液	100ml
P0023B-500ml	Western封闭液	500ml
P0023C	Western洗涤液	250ml
P0023C3	Western洗涤液(10X)	100ml
P0023C6	Western洗涤液(10X)	10×100ml
P0220	Quickblock™封闭液(PBS)	100ml
P0222	Quickblock™封闭液(PBSTw)	100ml
P0226	Quickblock™封闭液(PBSTx)	100ml
P0228	Quickblock™封闭液(TBS)	100ml
P0231	Quickblock™封闭液(TBSTw)	100ml
P0233	Quickblock™封闭液(TBSTx)	100ml
P0235	Quickblock™封闭液(10X)	100ml
P0252	QuickBlock™ Western封闭液	100ml
P0256	QuickBlock™ Western一抗稀释液	100ml
P0258	QuickBlock™ Western二抗稀释液	100ml
P0260	QuickBlock™免疫染色封闭液	100ml
P0262	QuickBlock™免疫染色一抗稀释液	100ml
P0265	QuickBlock™免疫荧光染色二抗稀释液	100ml
P0267	QuickBlock™免疫组化染色二抗稀释液	100ml

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