

For Research Use Only

蛋白转运抑制剂（500X）

Catalog Number: PR40029



产品信息

蛋白转运抑制剂混合物包含 **Brefeldin A** 和莫能菌素。**Brefeldin A**，是一种常用的蛋白转运抑制剂，特异地可逆地阻断蛋白质从内质网转运到高尔基体。莫能菌素是一种离子载体，聚醚类抗生素，可以破坏高尔基体，抑制细胞内的蛋白转运。这种混合物适用于防止蛋白转运至细胞外间隙的测定。

包装规格

100 uL/100 uL*4

保存条件

-20℃，有效期3年。需长期存放时，温度应不低于-70℃。

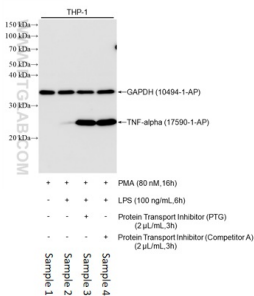
使用方法

1. 本产品-20℃时为液体状态，从低温冰箱拿出后无需解冻，可直接使用。
2. 本产品为500X混合液，使用时需稀释500倍成工作浓度，或以2 uL混合液每mL稀释。

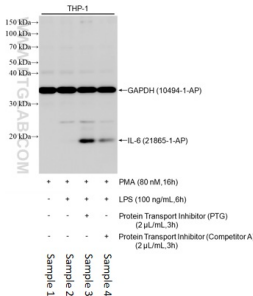
注意事项

1. 本产品对人体有害，操作时请小心，并注意有效防护以避免直接接触人体或吸入体内。
2. 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。
3. 为了您的安全和健康，请穿实验服并戴一次性手套操作。

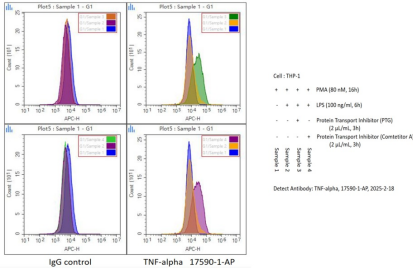
Validation Data



WB result of TNF-alpha antibody (17590-1-AP, 1:2000) with loading-control GAPDH antibody (10494-1-AP, 1:200000) incubated at room temperature for 1.5 hours. Sample 1: THP-1 cells were treated with 80 nM PMA overnight. Sample 2: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS... for 6 hours. Sample 3: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours with addition of 2 uL/mL Protein Transport Inhibitor (PTG) for the last 3 hours. Sample 4: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours with addition of 2 uL/mL Protein Transport Inhibitor (Competitor A) for the last 3 hours.



WB result of IL-6 antibody (21865-1-AP, 1:600) with loading-control GAPDH antibody (10494-1-AP, 1:200000) incubated at room temperature for 1.5 hours. Sample 1: THP-1 cells were treated with 80 nM PMA overnight. Sample 2: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours... Sample 3: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours with addition of 2 uL/mL Protein Transport Inhibitor (PTG) for the last 3 hours. Sample 4: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours with addition of 2 uL/mL Protein Transport Inhibitor (Competitor A) for the last 3 hours.



1X10⁶ cells were intracellularly stained with 0.4 ug Anti-Human TNF-alpha antibody (17590-1-AP) and Multi-rAbTM CoraLite[®] Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with 0.2% Triton. Sample 1: THP-1 cells were treated with 80 nM PMA overnight... Sample 2: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours. Sample 3: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours with addition of 2 uL/mL Protein Transport Inhibitor (PTG) for the last 3 hours. Sample 4: THP-1 cells were treated with 80 nM PMA overnight, replaced the culture medium with 100 ng/mL LPS for 6 hours with addition of 2 uL/mL Protein Transport Inhibitor (Competitor A) for the last 3 hours.