

MojoSort™ 磁珠細胞分選套組



MojoSort™

磁珠細胞分選套組

130_{nm}

奈米級的磁珠

- (1) 膠體穩定性高
- (2) 可溫和分離細胞
- (3) 與他牌系統相容

3 steps

只要三個步驟

- (1) 加抗體
- (2) 加磁珠
- (3) 磁珠分離

35_{min}

操作快速

檢體與抗體和磁珠，分別共培養15分鐘，最後放入磁座5分鐘，最快35分鐘可完成實驗。



產品五大特點:

- 高純度、回收率高
- 操作省時、步驟簡單好上手
- 價格實惠
- 可與 Separation column 系統相容
- 產品有經過驗證，不會影響後續實驗 (如 FC、Cell differentiation、Cytokine reponse 等)



MojoSort™ 產品:

Isolation Kits

產品包含一系列的 Biotinylated 的抗體 Cocktail，抗體會辨認目標細胞外的其他細胞，再藉由帶有 Streptavidin 的磁珠將目標細胞跟其他細胞分開，最後分離出來的目標細胞上不會帶有磁珠

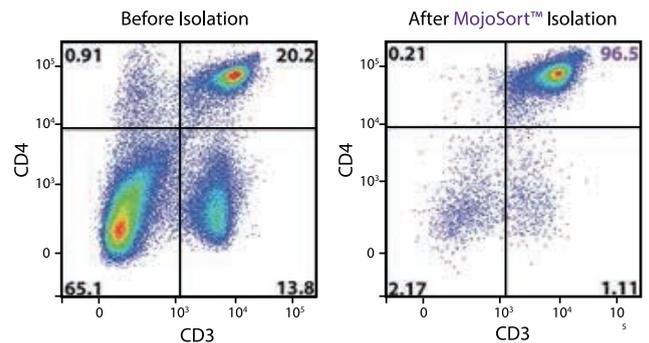
Selection Kits

產品包含 Biotinylated 的一級抗體，抗體會辨認感興趣的目標細胞，再藉由帶有 Streptavidin 的磁珠將目標細胞篩選出來

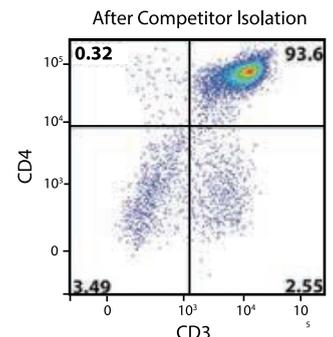
Nanobeads

產品種類包含帶有特定抗體的磁珠及帶有 Streptavidin 的磁珠

MojoSort™ Mouse CD4 T Cell Isolation Kit



A single cell suspension from pooled C57BL/6 mouse spleen and lymph nodes was prepared to isolate CD4⁺T cells using the MojoSort™ Mouse CD4 T Cell Isolation Kit. Cells were stained with PE anti-mouse CD4 (clone RM4-4), APC anti-mouse CD3ε (145-2C11), and 7-AAD. Dead cells were excluded from the analysis.



Human

Isolation Kits

Description	Size	Cat. No.
B Cell (CD43 ⁺) Isolation Kit	20 tests 200 tests	480061 480062
CD3 T Cell Isolation Kit	10 tests 100 tests	480021 480022
CD4 Memory T Cell Isolation Kit	20 tests 200 tests	480063 480064
CD4 Naïve T Cell Isolation Kit	10 tests 100 tests	480041 480042
CD4 T Cell Isolation Kit	20 tests 200 tests	480009 480010
CD8 Memory T Cell Isolation Kit	20 tests 200 tests	480065 480066
CD8 Naïve T Cell Isolation Kit	20 tests 200 tests	480045 480046
CD8 T Cell Isolation Kit	10 tests 100 tests	480011 480012
CD14 ⁺ Monocytes Isolation Kit	10 tests 100 tests	480047 480048
Hematopoietic Progenitor Cell Isolation Kit	20 tests 200 tests	480095 480096
Naïve B Cell Isolation Kit	20 tests 100 tests	480067 480068
NK Cell Isolation Kit	20 tests 200 tests	480053 480054
Pan B Cell Isolation Kit	20 tests 200 tests	480081 480082
Pan Monocyte Isolation Kit	20 tests 200 tests	480059 480060

Selection Kits

Description	Size	Cat. No.
CD4 T Cell Selection Kit	200 tests	480038
CD14 Selection Kit	20 tests 200 tests	480025 480026
CD19 Selection Kit	20 tests 200 tests	480105 480106

Nanobeads

Description	Size	Cat. No.
Anti-APC Nanobeads	100 µL 1mL	480089 480090
Anti-PE Nanobeads	100 µL 1mL	480091 480092
CD4 Nanobeads	10 tests 100 tests	480013 480014
CD8 Nanobeads	10 tests 100 tests	480107 480108
CD14 Nanobeads	20 tests 200 tests	480093 480094
CD41 Nanobeads	10 tests 100 tests	480083 480084
CD45 Nanobeads	20 tests 200 tests	480029 480030

Mouse

Isolation Kits

Description	Size	Cat. No.
CD3 T Cell Isolation Kit	10 tests 100 tests 200 tests	480023 480024 480031
CD4 Naïve T Cell Isolation Kit	20 tests 200 tests	480039 480040
CD4 T Cell Isolation Kit	10 tests 100 tests 200 tests	480005 480006 480033
CD8 Naïve T Cell Isolation Kit	20 tests 200 tests	480043 480044
CD8 T Cell Isolation Kit	10 tests 100 tests 200 tests	480007 480008 480035
Hematopoietic Progenitor Cell Isolation Kit	10 tests 100 tests	480003 480004
Neutrophil Isolation Kit	10 tests 100 tests	480057 480058
NK Cell Isolation Kit	20 tests 200 tests	480049 480050
Pan B Cell Isolation Kit	20 tests 200 tests	480051 480052
Pan B Cell Isolation Kit II	20 tests 200 tests	480087 480088
Pan Dendritic Cell Isolation Kit	20 tests 200 tests	480097 480098

Selection Kits

Description	Size	Cat. No.
CD3 Selection Kit	20 tests 200 tests	480099 480100
CD90.2 Selection Kit	20 tests 200 tests	480101 480102
CX3CR1 Selection Kit	10 tests 100 tests	480055 480056
P2RY12 Selection Kit	10 tests 100 tests	480113 480114

Nanobeads

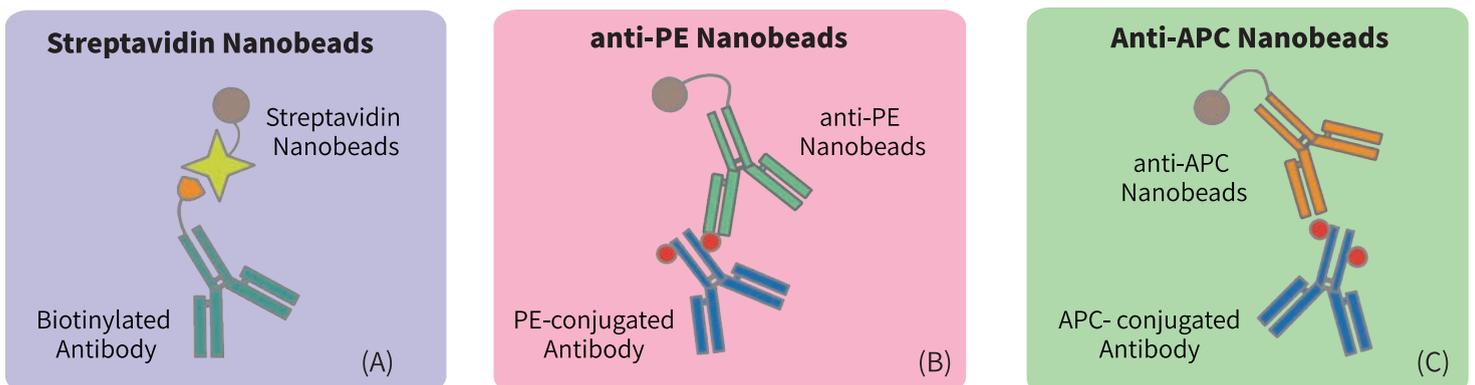
Description	Size	Cat. No.
Anti-APC Nanobeads	100 µL 1mL	480071 480072
Anti-PE Nanobeads	100 µL 1mL	480079 480080
CD4 Nanobeads	20 tests 200 tests	480069 480070
CD11c Nanobeads	20 tests 200 tests	480077 480078
CD19 Nanobeads	20 tests 200 tests	480001 480002
CD45 Nanobeads	20 tests 200 tests	480027 480028

Others

Ancillary Products

Description	Size	Cat. No.
Streptavidin Nanobeads	100 µL 1mL	480015 480016
Buffer (5X)	250 mL	480017
Magnet 5mL	1 magnet	480019
Magnet 14mL	1 magnet	480020

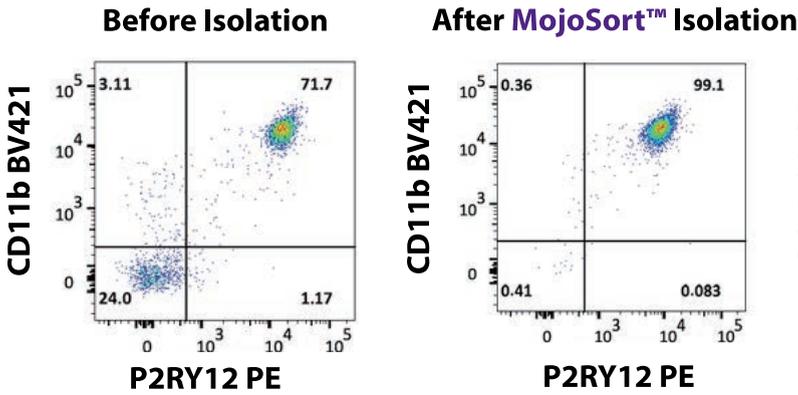
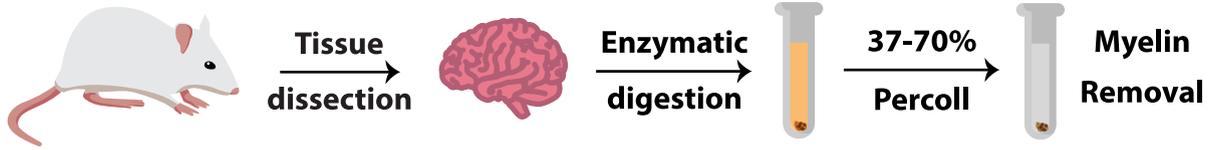
特殊產品- 二級抗體磁珠可自由搭配一級抗體



生物素標記的一級抗體 (A)、PE 螢光標記的一級抗體 (B) 或 APC 螢光標記的一級抗體 (C)，皆可分別通過streptavidin 磁珠 (A)、Anti-PE 螢光磁珠 (B) 或 Anti-APC 螢光磁珠 (C)，互相搭配使用，更靈活的選擇自己想要的一級抗體去分離目標細胞。

產品應用-輕鬆分選 Microglia 細胞

MojoSort™ Mouse P2RY12 Selection Kit, #480113/10 tests



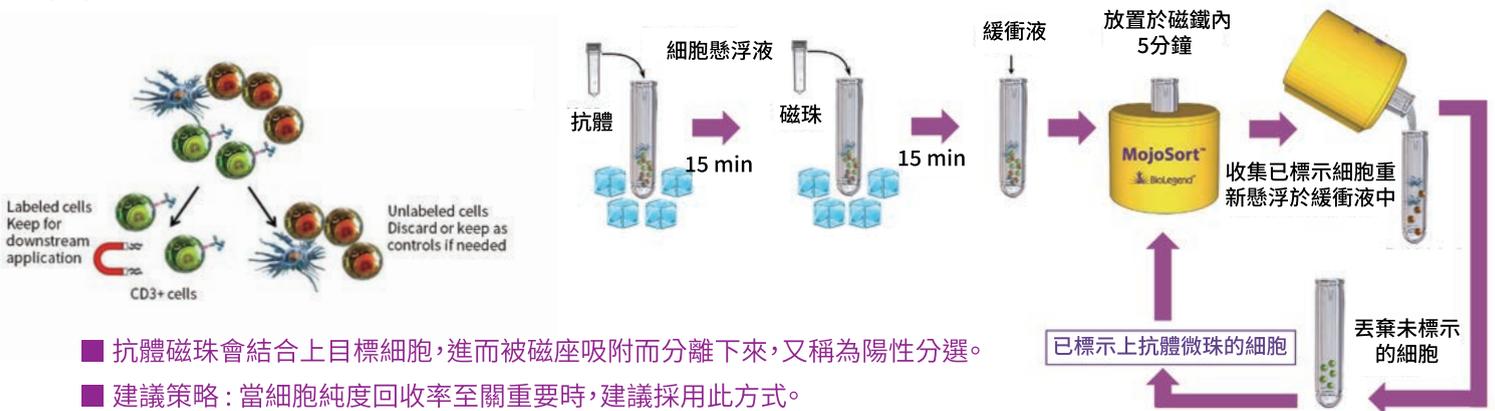
A single cell suspension from adult C57BL/6 brain was prepared using Trypsin digestion and 70/37/30% percoll gradient for positive selection of P2RY12 cells using the MojoSort™ Mouse P2RY12 Selection Kit. Cells were stained with either anti-mouse P2RY12 (clone S16007D) PE and anti-mouse CD11b (clone M1/70) Brilliant Violet 421™ or anti-mouse CX3CR1 (clone SA011F11) APC. Dead cells were excluded by 7-AAD.

純度高

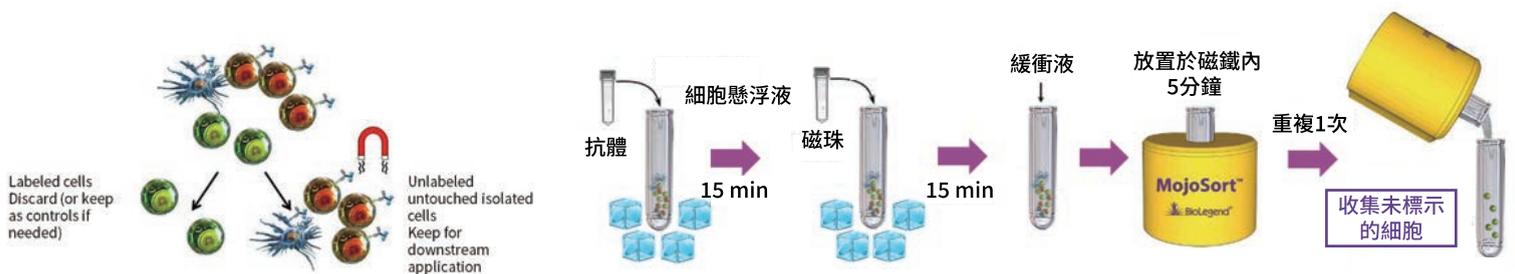
回收率優

Instructions

(A) Selection Kits



(B) Isolation Kits



- 抗體磁珠結合非目標細胞，而目標細胞會游離於上清液中，稱為陰性分選。
- 建議策略：(1) 從細胞混合物中去除某種類型細胞
(2) 真正未觸及的細胞，bead-free 和 antibody-free
(3) 抗體和目的細胞結合可能誘導細胞活化
(4) 缺乏針對目的細胞篩選的特異性抗體