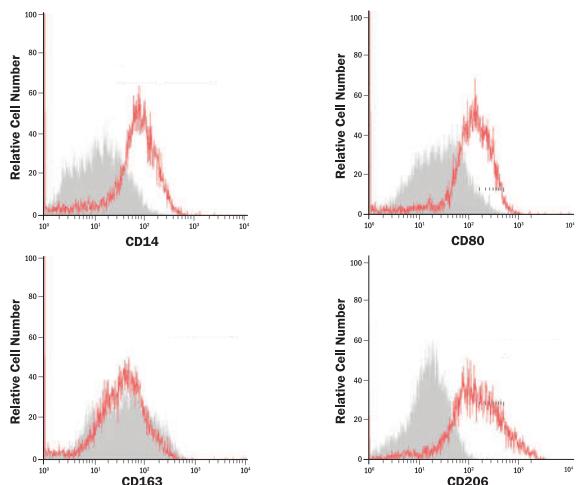


CellXVivo™ kit

M1 Macrophage Differentiation

Macrophage에 의한 염증반응 및 Cancer 환경 조절에 대한 연구자들을 위한 Solution!



선택의 이유

- High Quality R&D Systems Cytokine 포함
- **M1 Macrophage cell로 분화를 위한 최적의 조건!!**
- Validated Protocol - 검증 된 제품
- 추가 장비 필요 없이 kit 하나면 O.K
- High Differentiation Yield

Human PBMC에서 CD14+ monocytes 분리 후,
M1 microphage로 분화시킨 결과

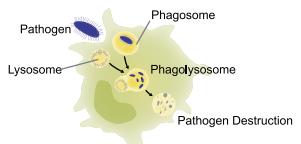
CD14+이면서 Macrophage marker인 CD205+ 임을 볼 수 있으며
CD80+이며 CD163-로 M1 Macrophage로 잘 분화되었음을 알 수 있다.

M1 Macrophage Functions

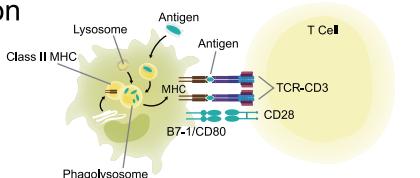
Phagocytosis

Removal of:

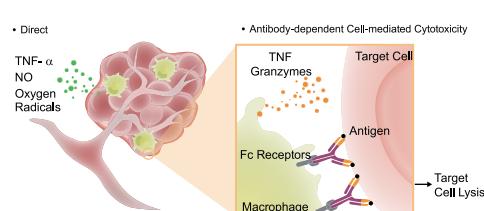
- Dead/Dying cells/Debris
- Pathogens
- Toxins



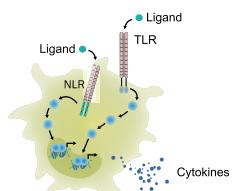
Antigen Presentation



Cytotoxicity

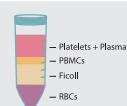


Inflammatory Cytokine Production



R&D SYSTEMS
a biotechne brand

1. Human blood로부터 PBMC분리



2. Human CD14+ monocytes 분리 (using magnetic cell selection)



3. Cell Count



4. Human M1 Macrophage differentiation media 내에 1×10⁶ cells/ml seeding

5. 6일 동안 culture
3일째 Media Change



6. 6일째 Flow Cytometry 이용 M1 Macrophage Differentiation verify



Order Information

#CDK012 Human M1 Macrophage Differentiation Kit

<96well 기준 5 plate 기준>

#MAGH105 hMagCollect™ human CD14+ Cell Isolation Kit
contains Anti-Human CD14 Biotinylated Ab, Streptavidin Ferrofluid, 10x Buffer



웅비메디텍

Tel: 02-881-5432 | E-mail: wwoongbee@woongbee.com