

MSC Culture의 모든 것!

1. 동물 성분 없이 건강하고 안전하게 MSC culture하기!

CellCor™ MSC CD AOF Media

- 동물/인간 유래 성분 X ▶ 안전성 보장
- FBS에 의한 염증/면역반응 없이 건강한 MSC culture 가능
- Coating material 없이 cell culture 가능
- 화학조성배지로 consistency 유지

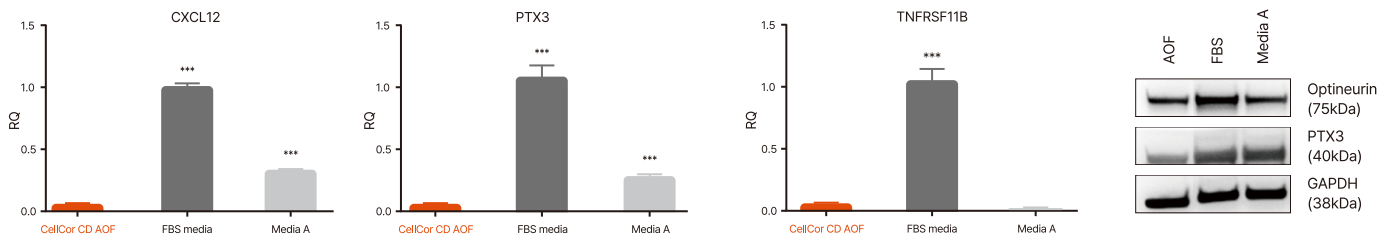


Cat# YSP018(CD AOF)
/YSP023 (CD AOF GMP)

Size: 500mL

Cell type: human MSCs

Supplement: Nom supplement
and coating reagent



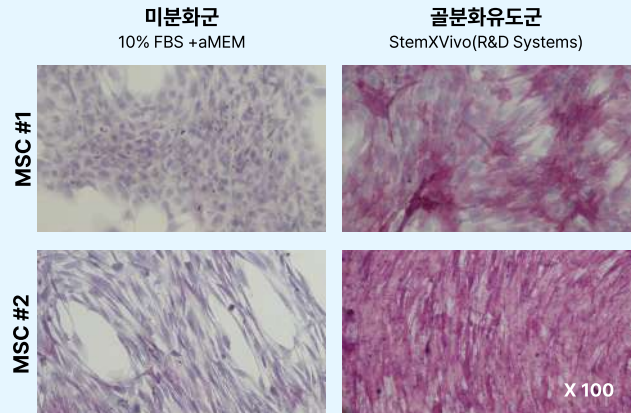
CellCor, FBS, 타사 media에서 키운 hMSC에서의 면역/염증마커 발현양 비교

2. 쉽고 빠르게 MSC 분화능 확인하기!

Differentiation Media & Supplement

실사용자 리뷰 별 다섯개 ★★★★★

Cat#	Name
CCM005	Chondrogenic Base Media
CCM006	h/m Chondrogenic Supplement
CCM007	Osteogenic/Adipogenic Base Media
CCM008	h Osteogenic Supplement
CCM009	m/r Osteogenic Supplement
CCM011	Adipogenic Supplement (100X)



MSC Functional ID Kit

- Adipo, chondro, Osteo 분화부터 ICC까지 하나의 kit로 가능
- 분화 supplement + marker antibody 제공

Cat#	Name
SC006	hMSC ID Kit
SC010	mMSC ID Kit

3. MSC flow marker를 하나의 kit로!

Multi-Color Flow Cytometry Kits

- MSC positive/negative marker, isotype control, staining buffer 모두 제공
- 모든 marker를 한꺼번에 staining 할 수 있는 1-step Flow Cytometry
- 실험 조건 잡을 필요 없이 프로토콜대로 실험하면 끝

Cat#	Name	Contents*
FMC002	hMSC Multi-Color Flow Kit	CD105-PerCP, CD146-CFS, CD90-APC, CD45-PE
FMC003	mMSC Multi-Color Flow Kit	CD105-Fluorescein, CD29-PE, Sca-1-APC, CD45-PerCP
FMC020	hMSC Verification Flow Kit	CD90-APC, CD73-CFS, CD105-PerCP CD45-PE, CD34-PE, CD11b-PE, CD79A-PE, HLA-DR-PE

* 모든 kit에 isotype control, staining buffer 포함

4. 원하는 conjugation이 모두 다!

R&D / Novus Conjugated Antibody

- Alexa, DyLight, Janelia, APC, FITC 등 25가지 이상의 형광물질 conjugation
- Full length antigen 사용
- 다양한 QC를 통한 검증

hMSCs Origin	Expressed in hMSCs	Not Expressed in hMSCs
Adipose tissue	CD13, CD29, CD44, CD71, CD73, CD90, CD105, CD166, STRO-1	CD14, CD31, CD34, CD45
Bone marrow	CD73, CD90, CD105, CD106, CD146, STRO-1	CD14, CD34, CD45, HLA-DR
Dental pulp	CD29, CD44, CD90, CD105	CD14, CD34, CD45
Peripheral blood	CD44, CD90, CD105, HLA ABC	CD45, CD133
Skin	CD44, CD73, CD90, CD105, CD166, SSEA-4, Vimentin	CD34, CD45, HLA-DR

Origin MSC별 positive/negative marker list

