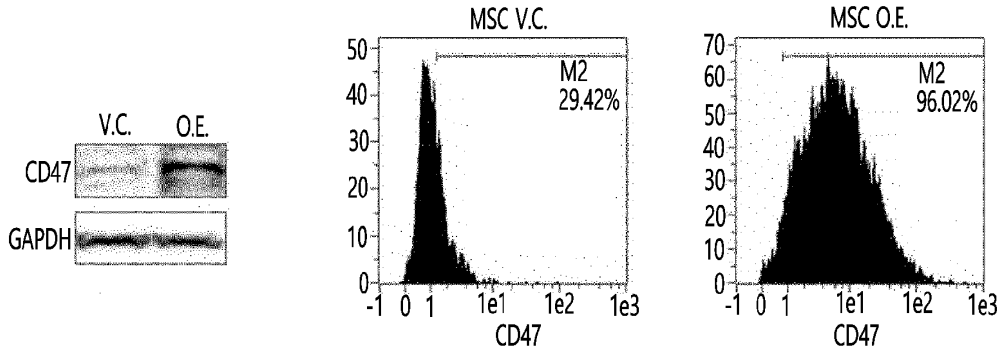
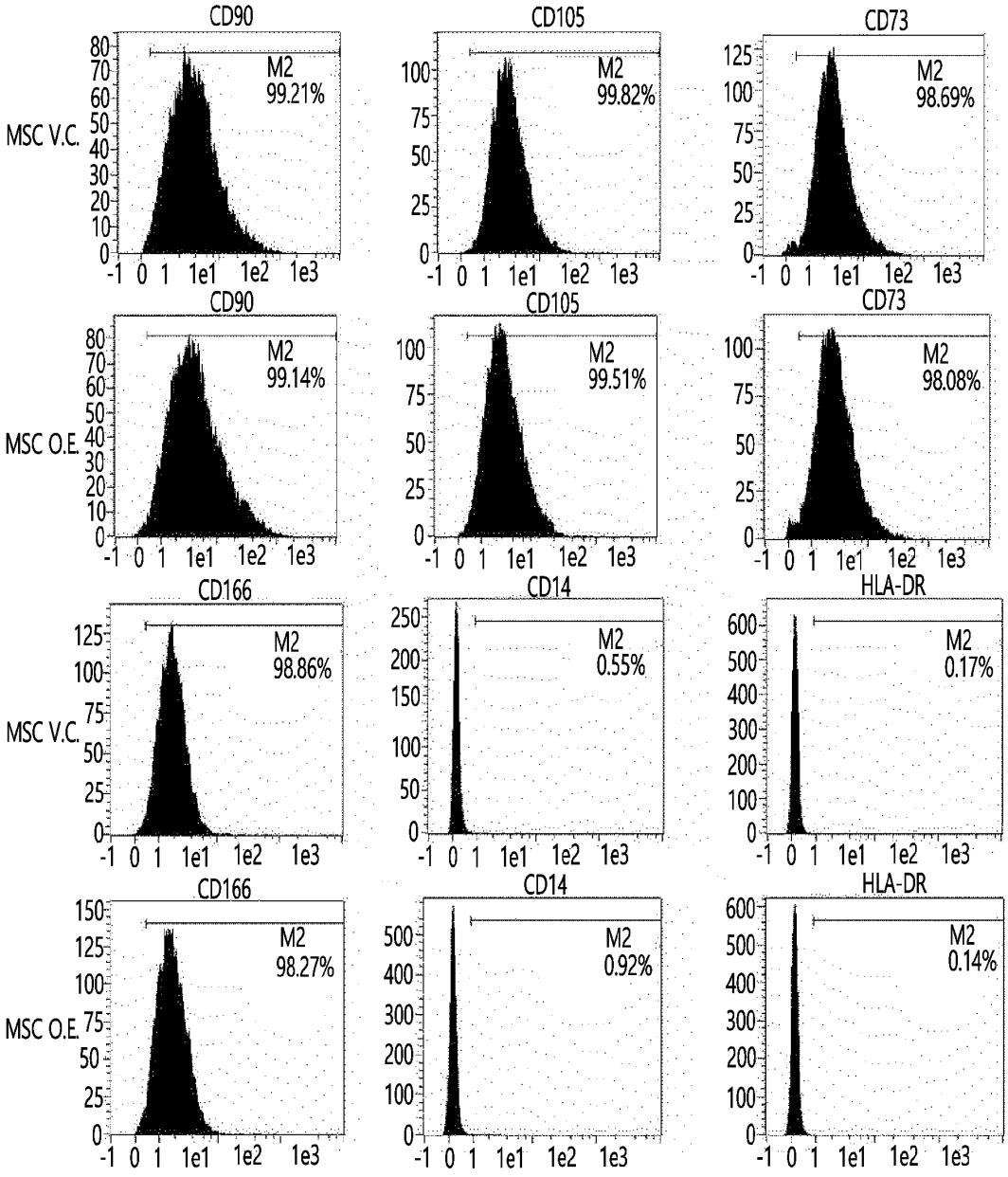
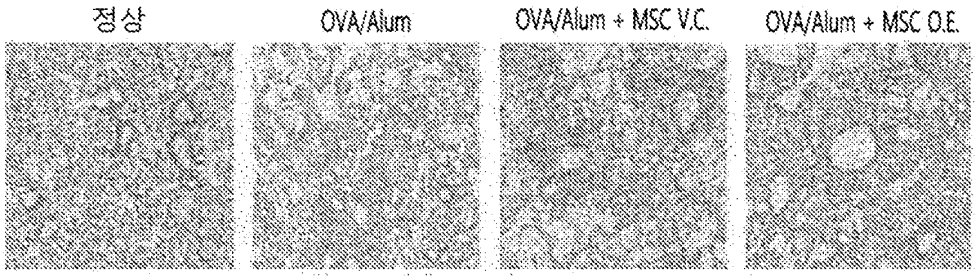
[도1]


V.C.
O.E.
CD47
GAPDH
MSC V.C.
M2
29.42%
MSC O.E.
M2
96.02%
CD47
CD47

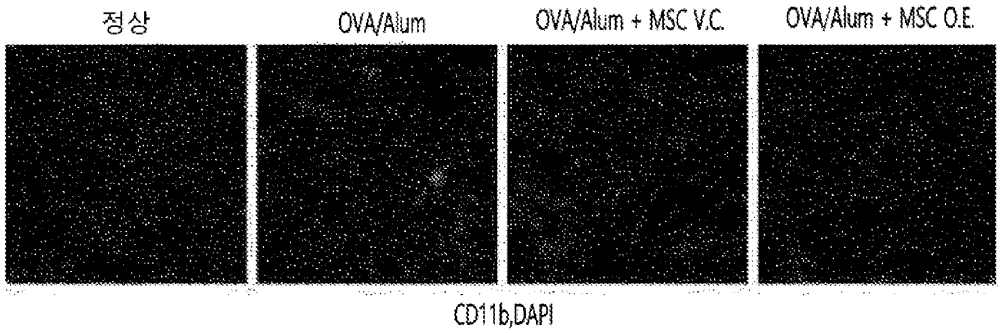
[도2]


CD90
CD105
CD73
MSC V.C.
M2
99.21%
M2
99.82%
M2
98.69%
CD90
CD105
CD73
MSC O.E.
M2
99.14%
M2
99.51%
M2
98.08%
CD166
CD14
HLA-DR
MSC V.C.
M2
98.86%
M2
0.55%
M2
0.17%
CD166
CD14
HLA-DR
MSC O.E.
M2
98.27%
M2
0.92%
M2
0.14%

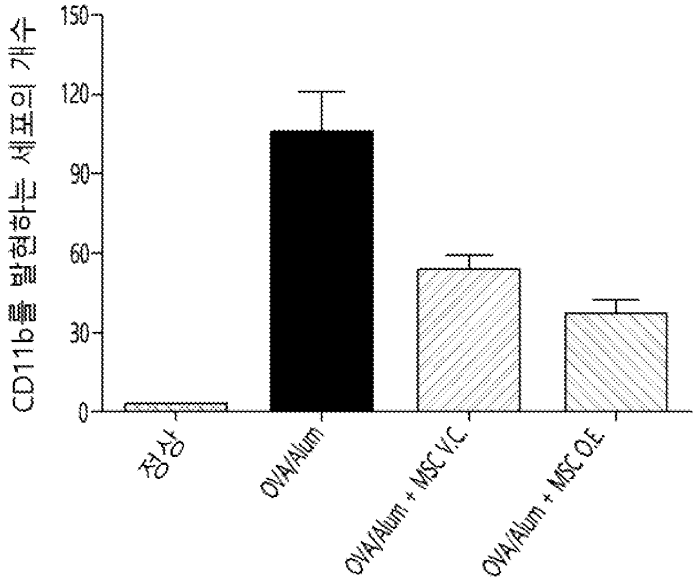
[도 3]


정상
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.

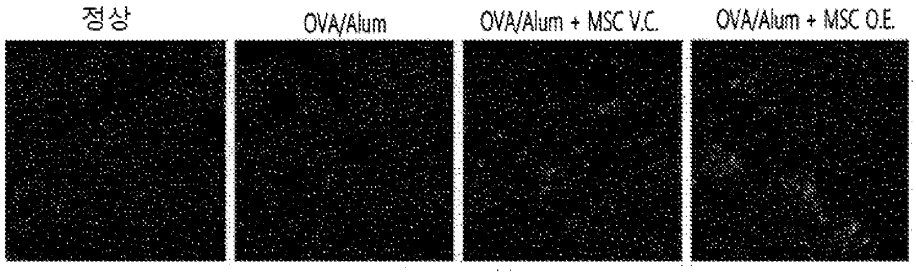
[도 4]


정상
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.
CD11b,DAPI

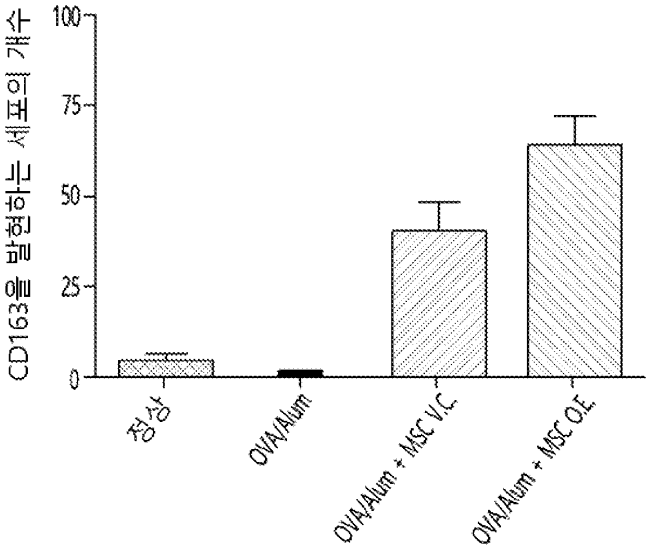
[도 5]


CD11b를 발현하는 세포의 개수
150
120
90
60
30
0
정상
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.

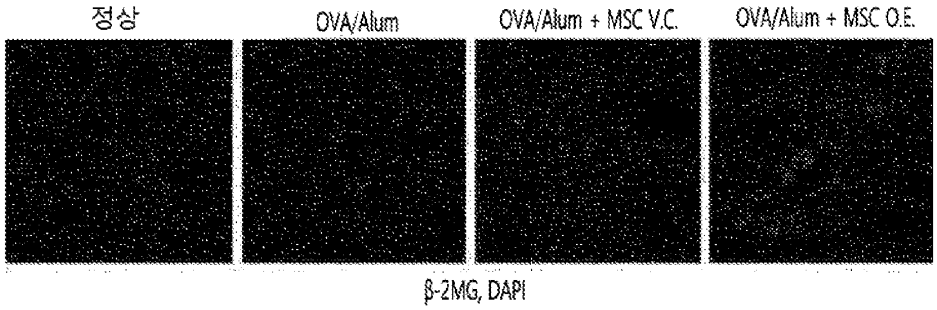
[도 6]


정상
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.
CD163, DAPI

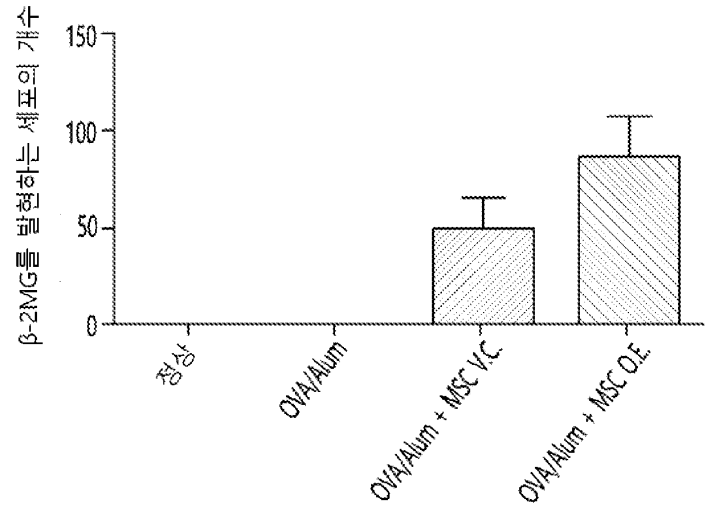
[도 7]


CD163을 발현하는 세포의 개수
100
75
50
25
0
정상
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.

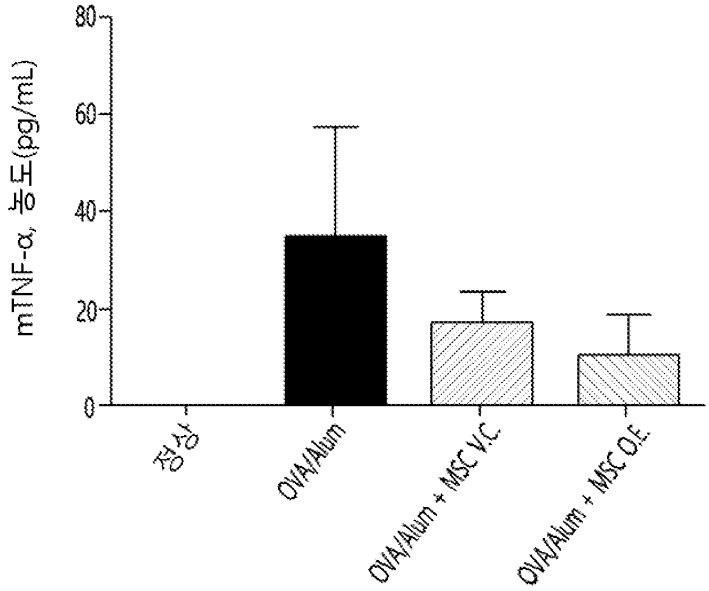
[도 8]


정상
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.
β-2MG, DAPI

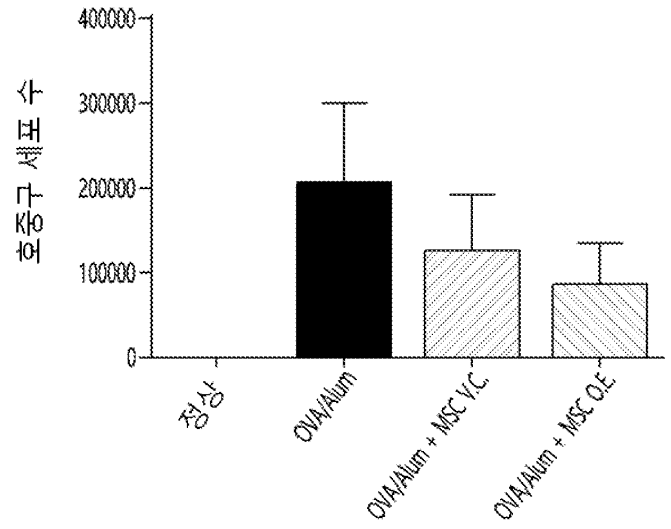
[도 9]


β-2MG를 발현하는 세포의 개수
150
100
50
0
정상
OVA/Alum
OVA/Alum + MSC V.C
OVA/Alum + MSC O.E

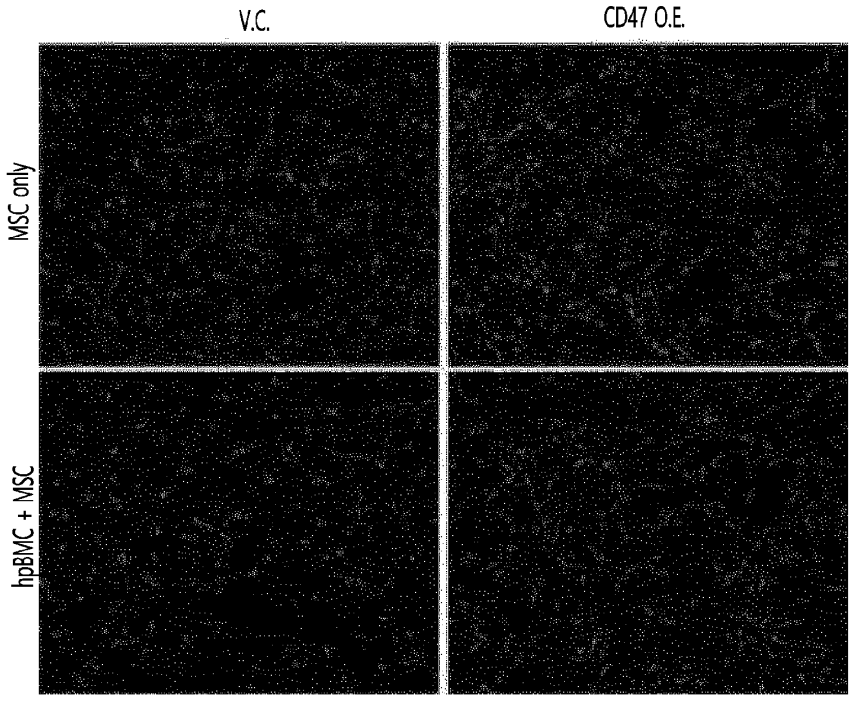
[도 10]


mTNF-α, 농도(pg/mL)
80
60
40
20
0
정상
OVA/Alum
OVA/Alum + MSC V.C
OVA/Alum + MSC O.E

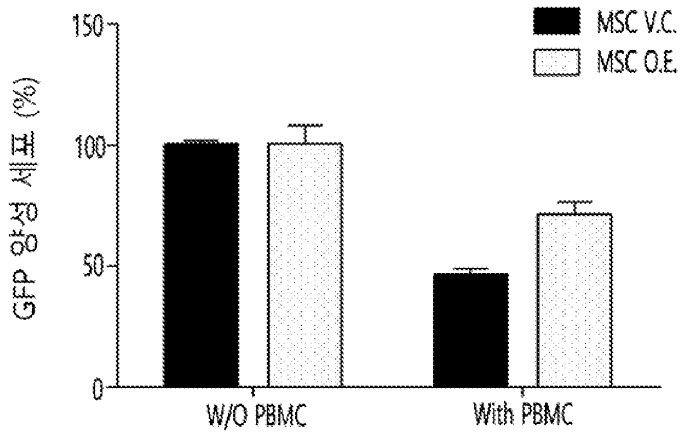
[도 11]


400000
300000
200000
100000
0
호중구 세포 수
정상
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.

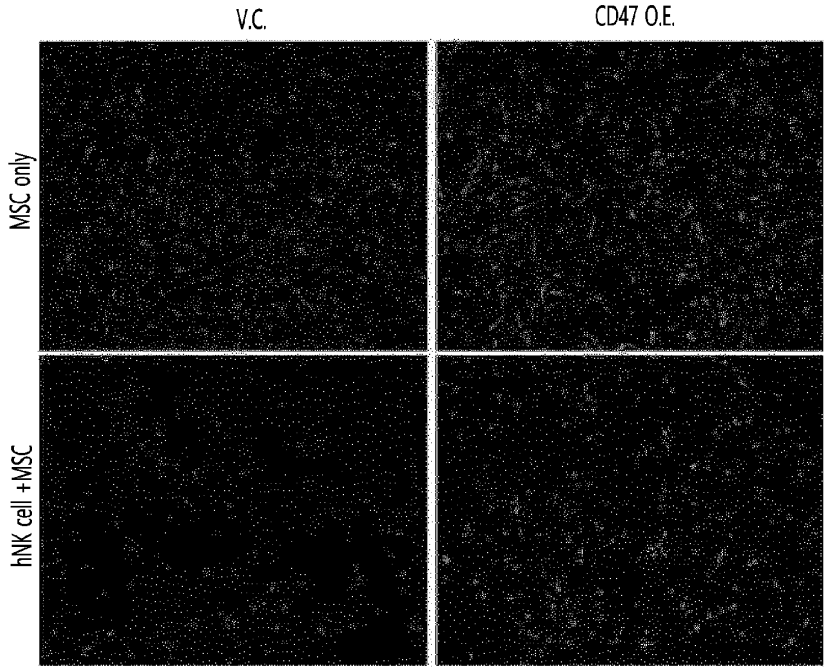
[도 12]


V.C.
CD47 O.E.
MSC only
hpBMC + MSC

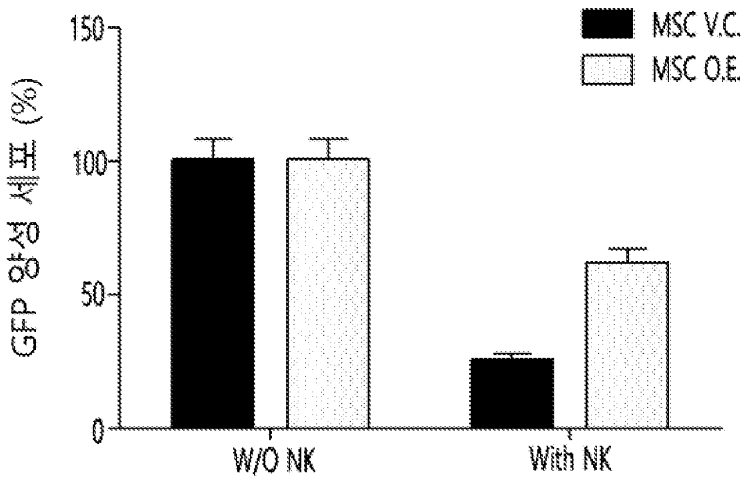
[도 13]


MSC V.C.
MSC O.E.
GFP 양성 세포 (%)
150
100
50
0
W/O PBMC
With PBMC

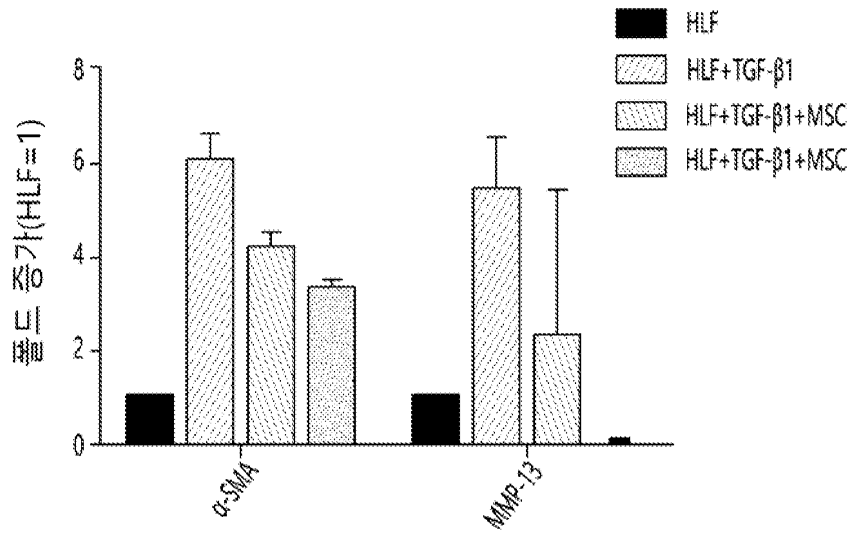
[도 14]


V.C.
CD47 O.E.
MSC only
hNK cell +MSC

[도 15]


MSC V.C.
MSC O.E.
GFP 양성 세포 (%)
150
100
50
0
W/O NK
With NK

[도 16]


HLF
HLF+TGF-β1
HLF+TGF-β1+MSC
HLF+TGF-β1+MSC
콜드 증가(HLF=1)
8
6
4
2
0
α-SMA
MMP-13