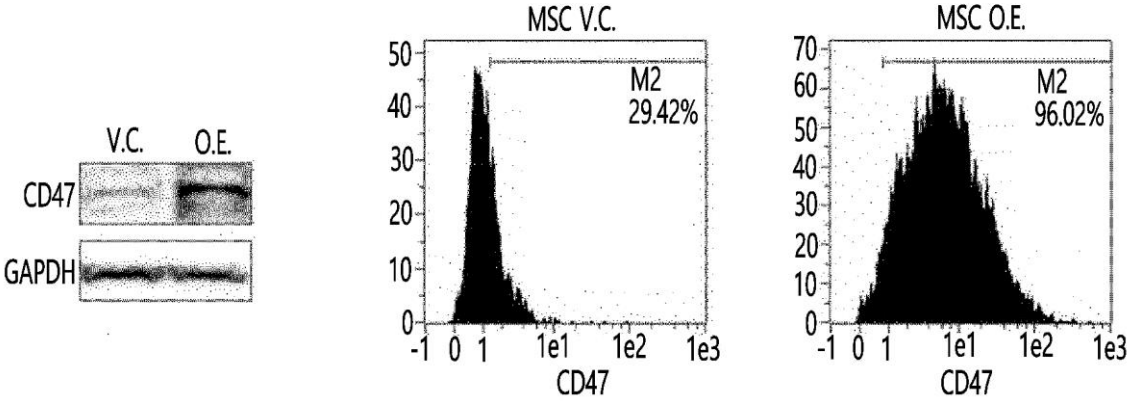
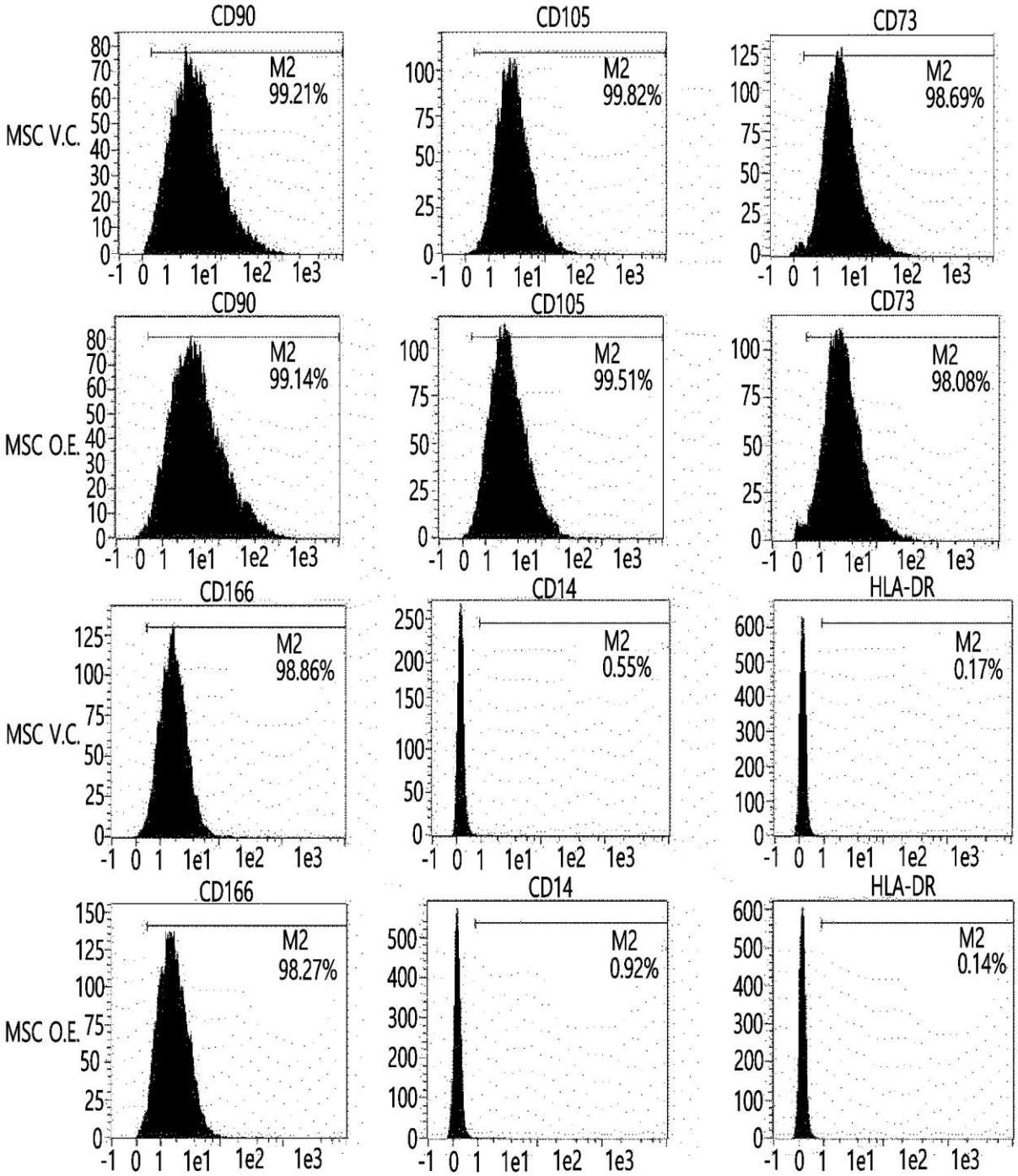
【Drawings】

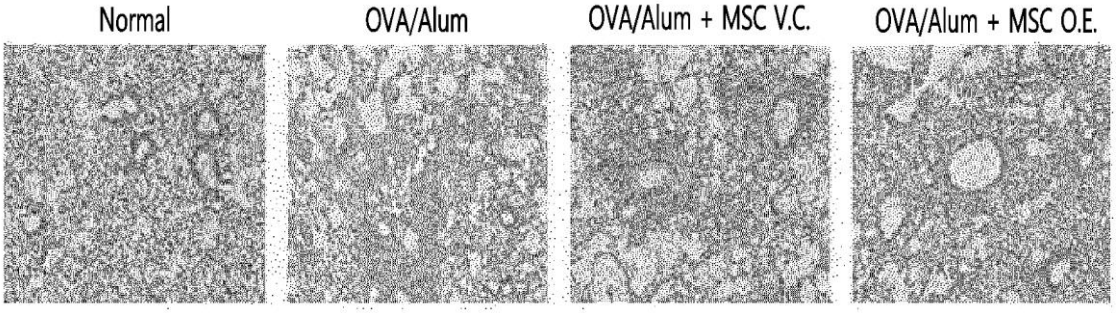
【FIG. 1】



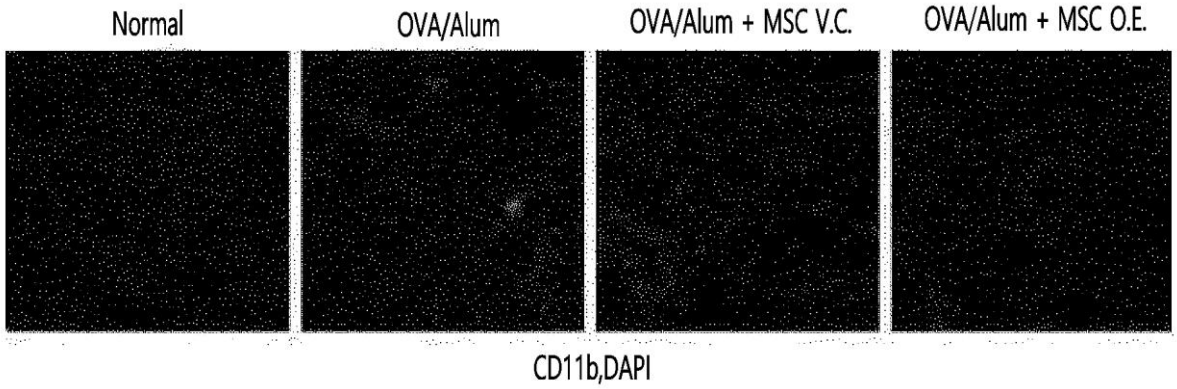
【FIG. 2】


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%
-1 0 1 1e1 1e2 1e3

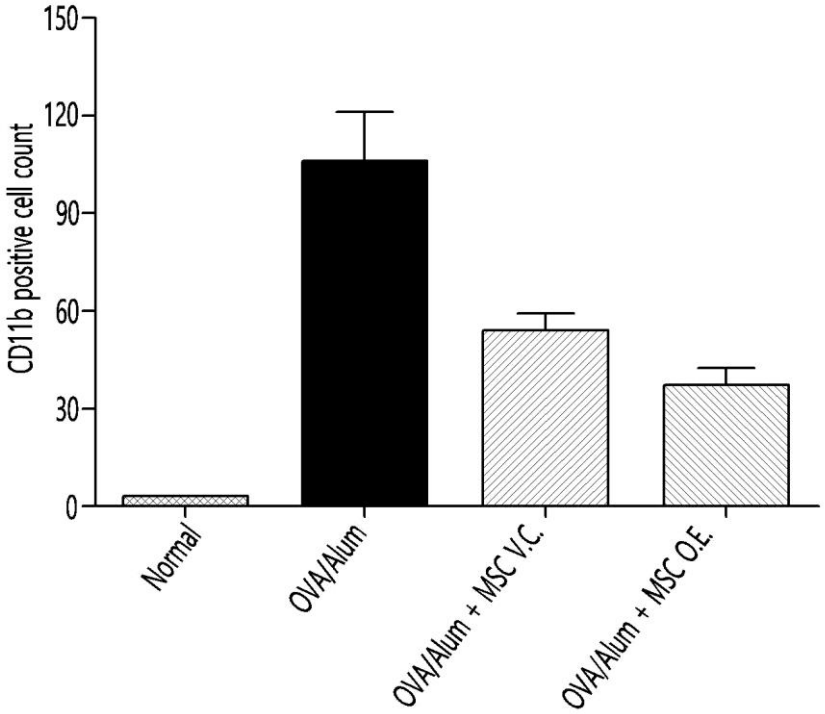
【FIG. 3】



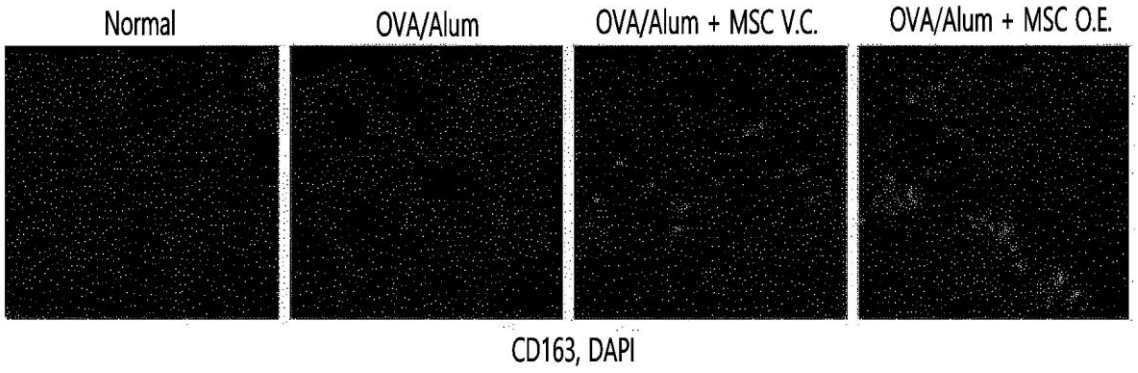
【FIG. 4】



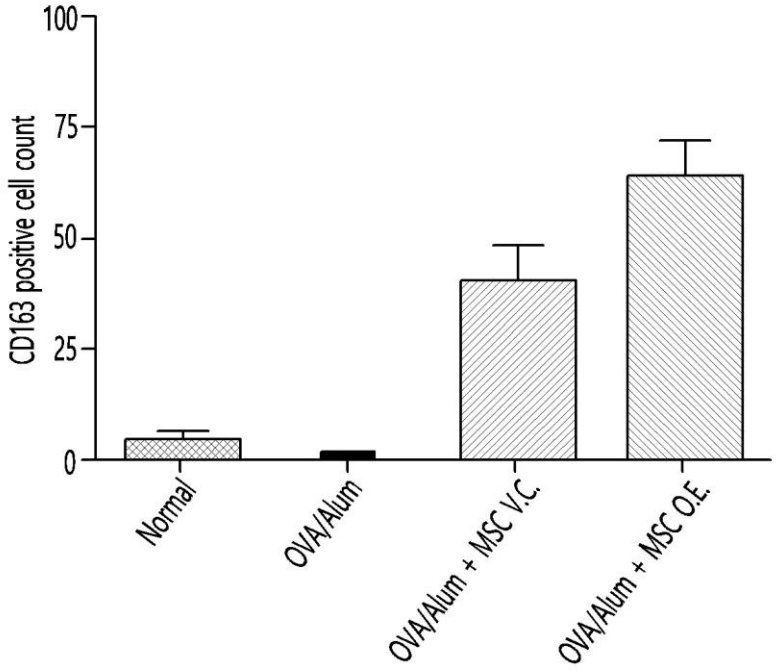
【FIG. 5】



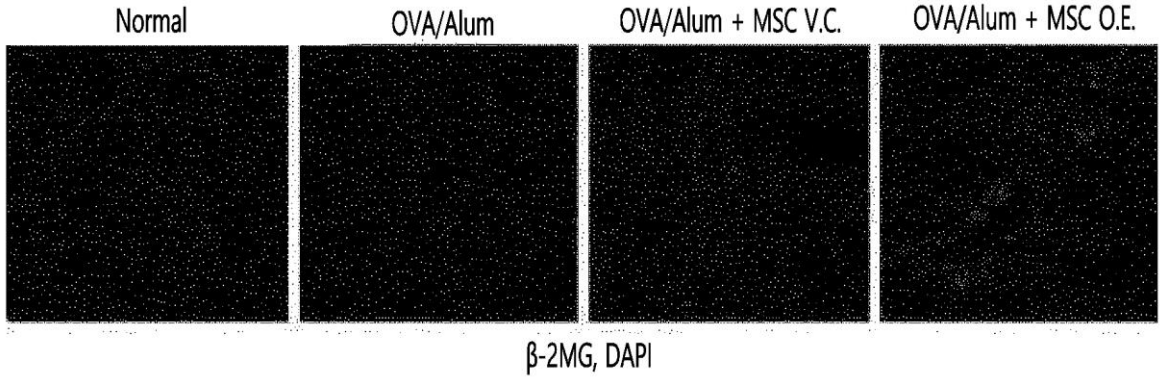
【FIG. 6】



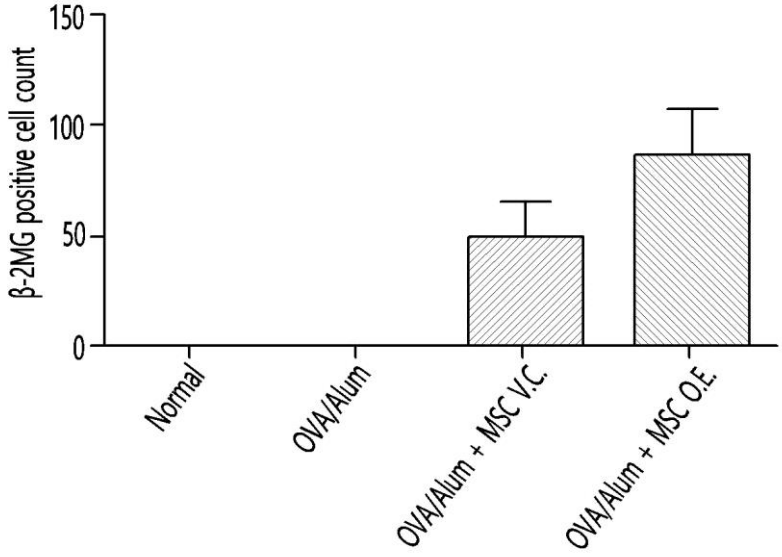
【FIG. 7】



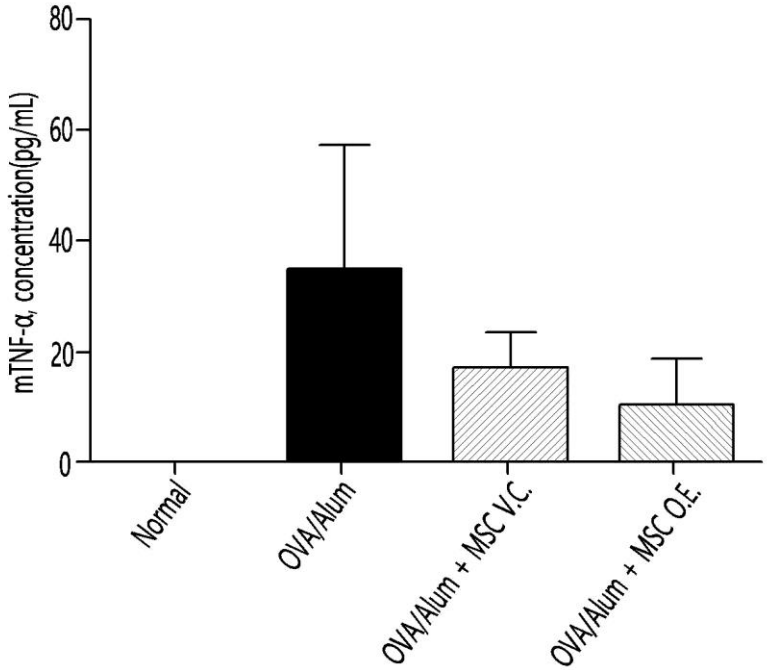
【FIG. 8】



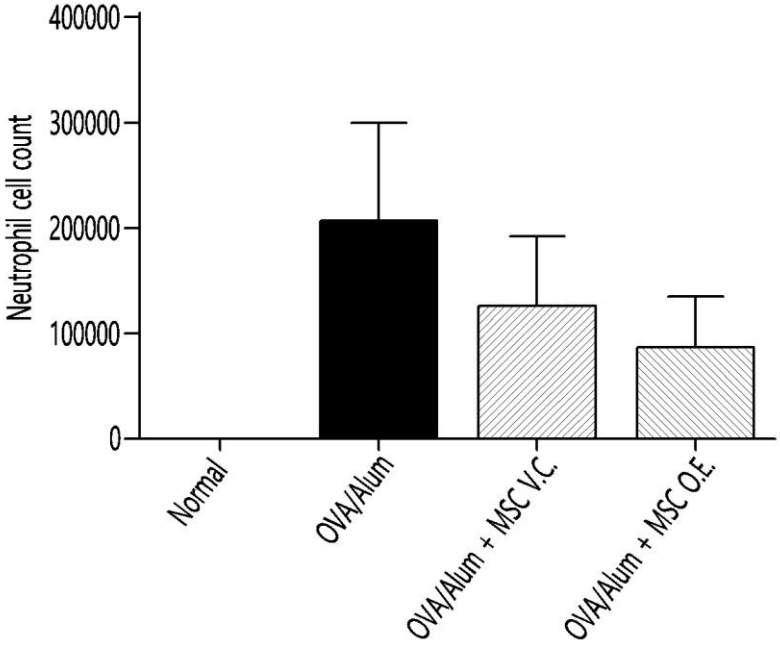
【FIG. 9】


β-2MG positive cell count
150
100
50
0
Normal
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.

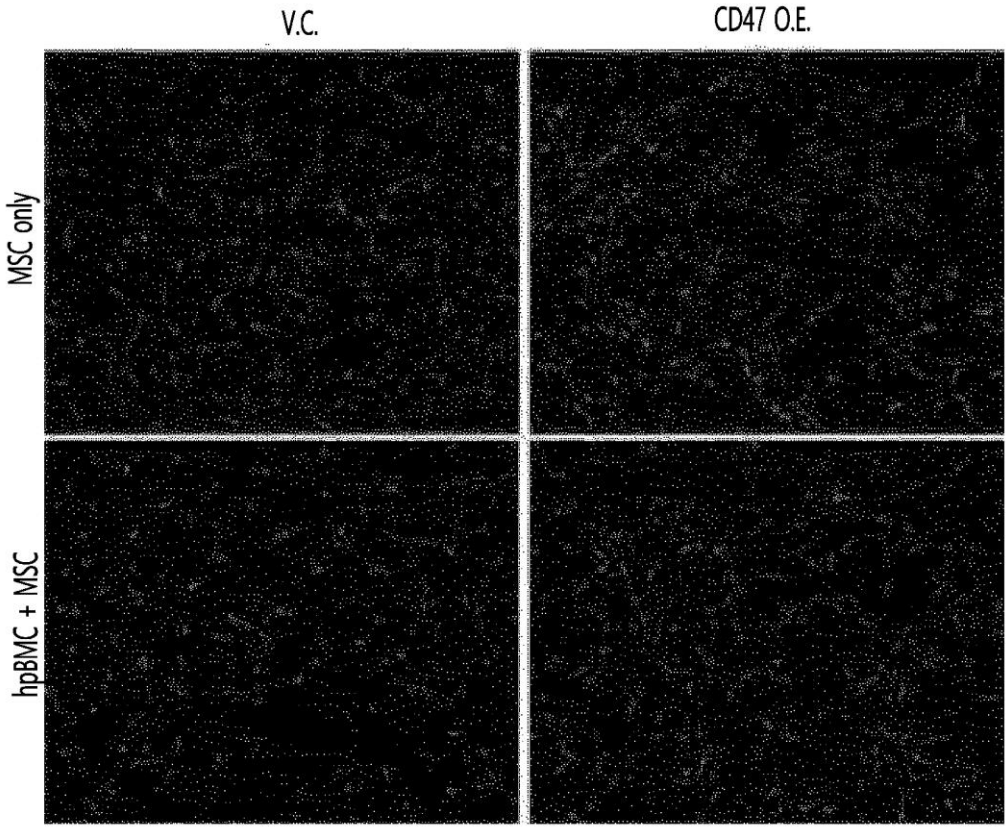
【FIG. 10】


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

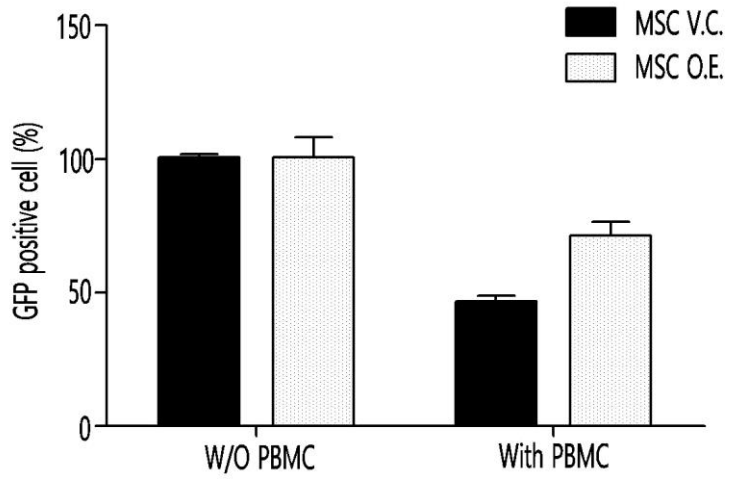
【FIG. 11】


400000
300000
200000
100000
0
Neutrophil cell count
Normal
OVA/Alum
OVA/Alum + MSC V.C.
OVA/Alum + MSC O.E.

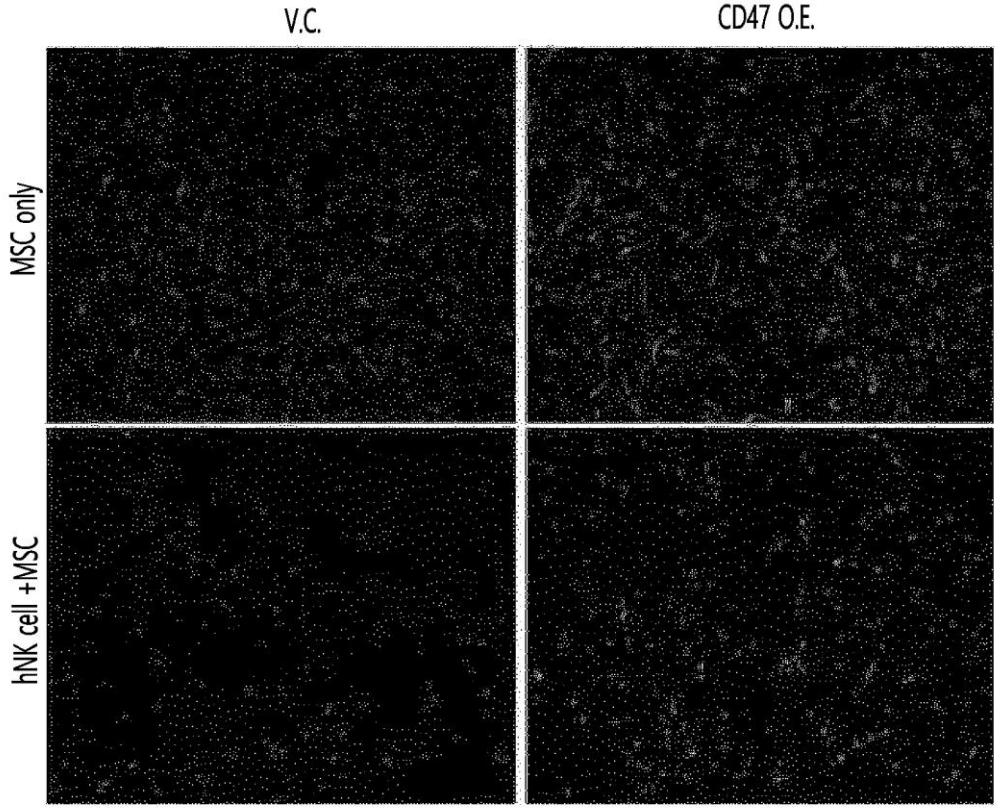
【FIG. 12】


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

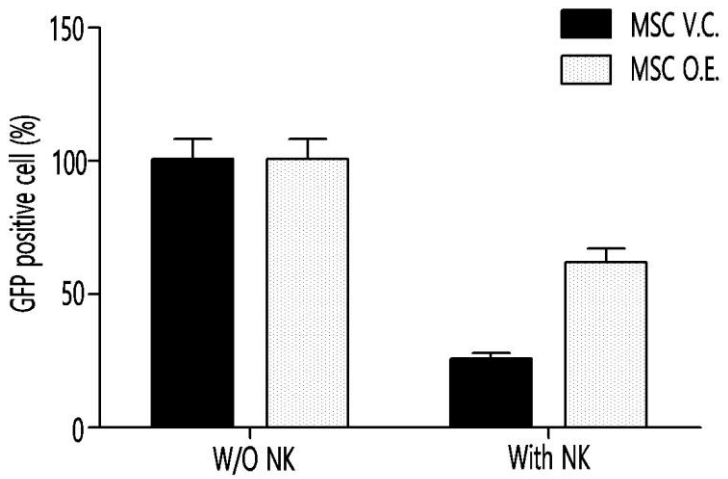
【FIG. 13】


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

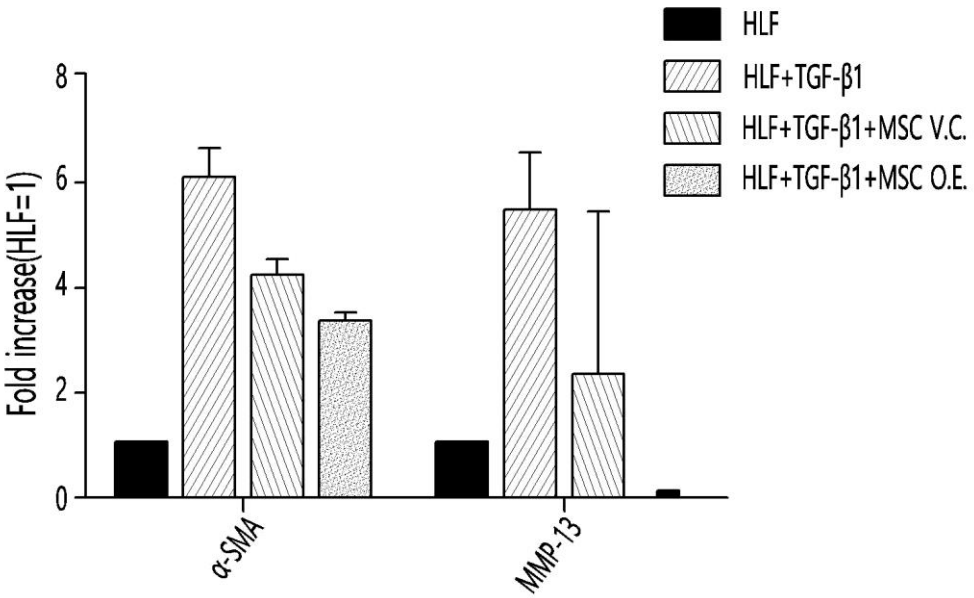
【FIG. 14】


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

【FIG. 15】


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

【FIG. 16】


HLF
HLF+TGF-β1
HLF+TGF-β1+MSC V.C.
HLF+TGF-β1+MSC O.E.
Fold increase(HLF=1)
8
6
4
2
0
α-SMA
MMP-13