FIG. 1

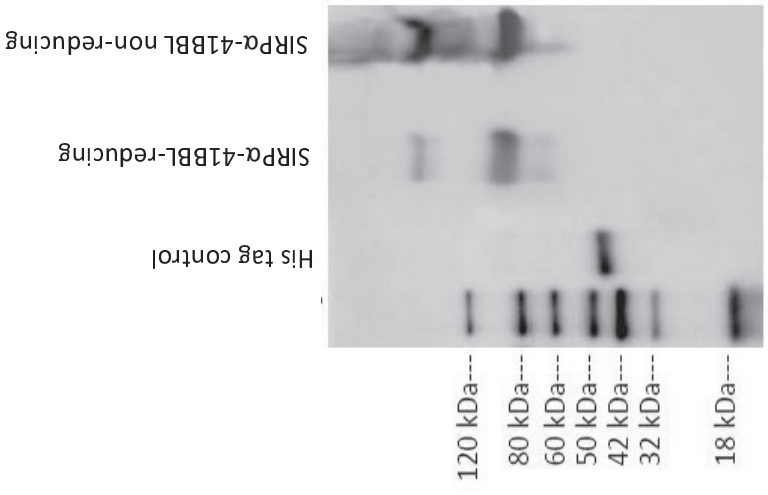


FIG. 2A

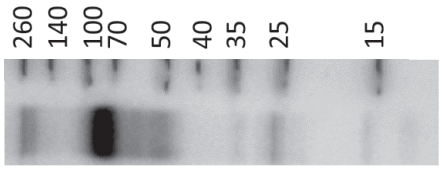


FIG. 2B

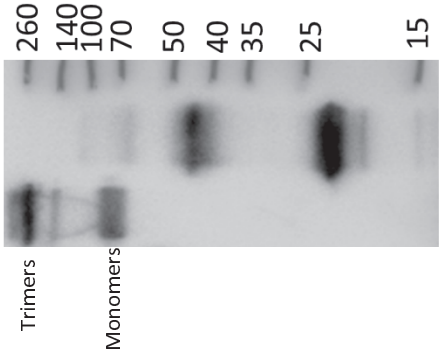
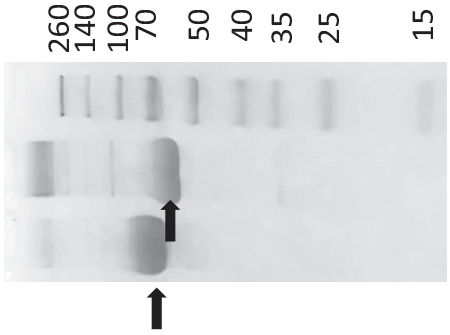


FIG. 2C



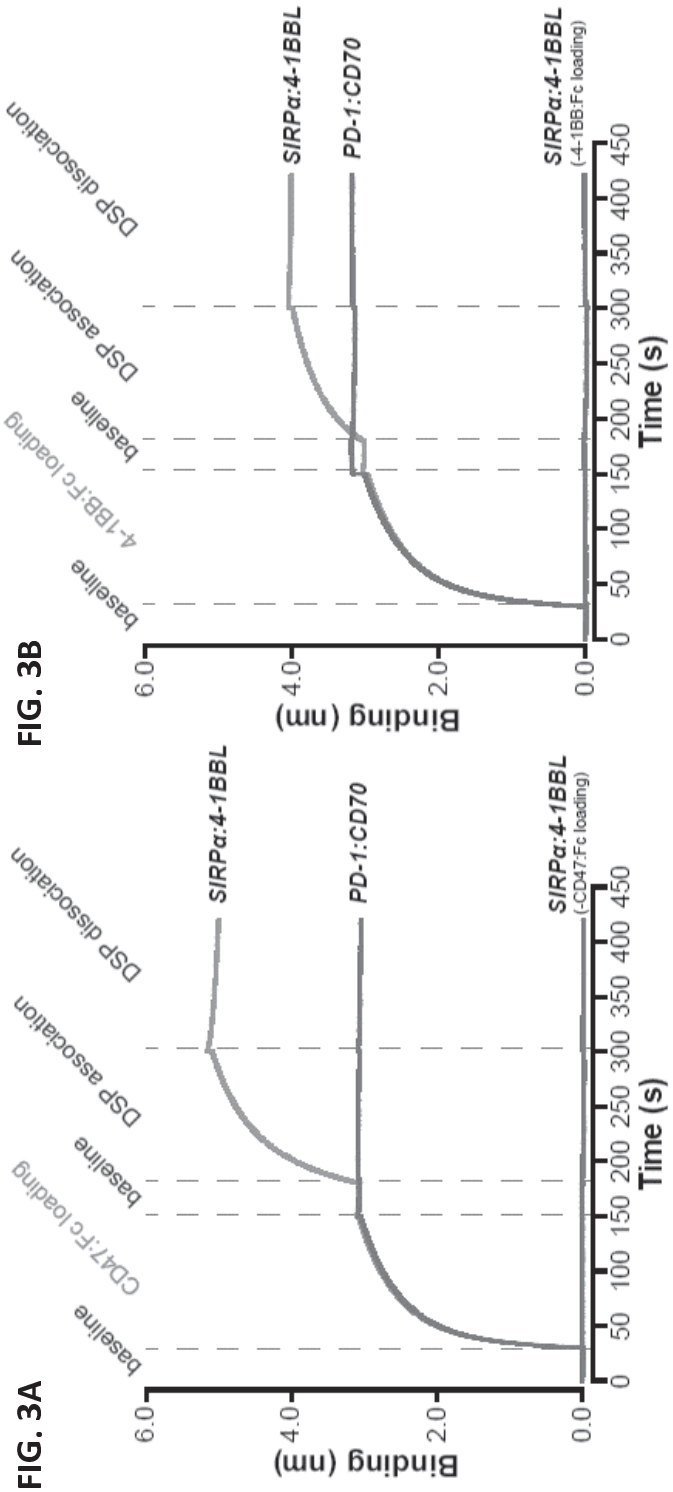


FIG. 3A
Binding (nm)
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
400
450
Time (s)
SIRPα:4-1BBL
(-CD47:Fc loading)
PD-1:CD70
SIRPα:4-1BBL
baseline
CD47:Fc loading
baseline
DSP association
DSP dissociation
FIG. 3B
Binding (nm)
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
400
450
Time (s)
SIRPα:4-1BBL
(-4-1BB:Fc loading)
PD-1:CD70
SIRPα:4-1BBL
baseline
4-1BB:Fc loading
baseline
DSP association
DSP dissociation

FIG. 4A

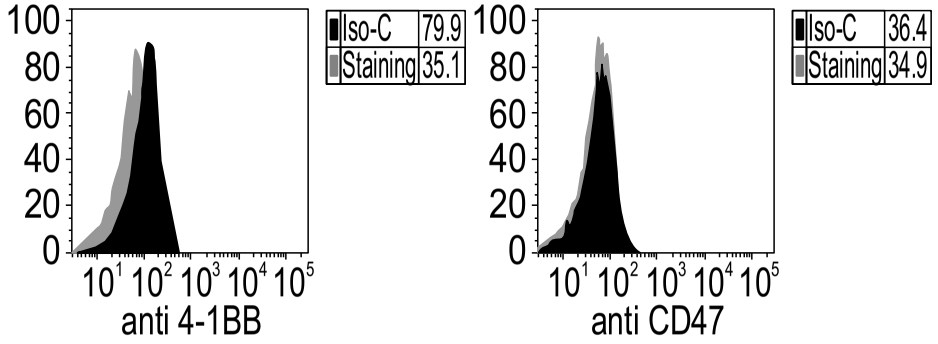


FIG. 4B

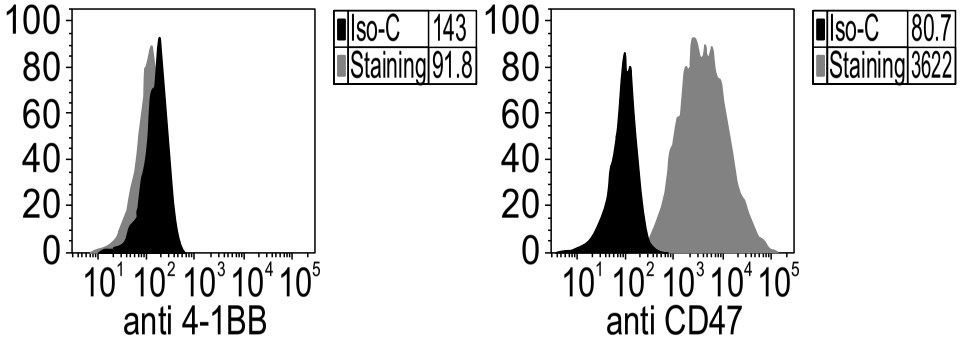


FIG. 5A

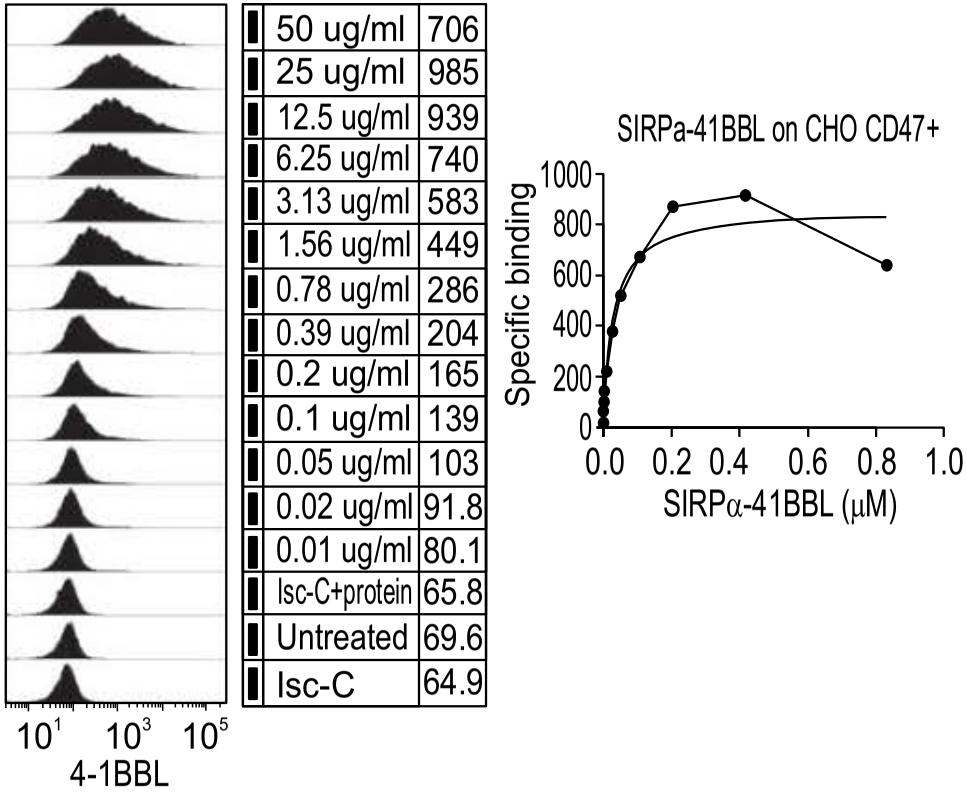


FIG. 5B

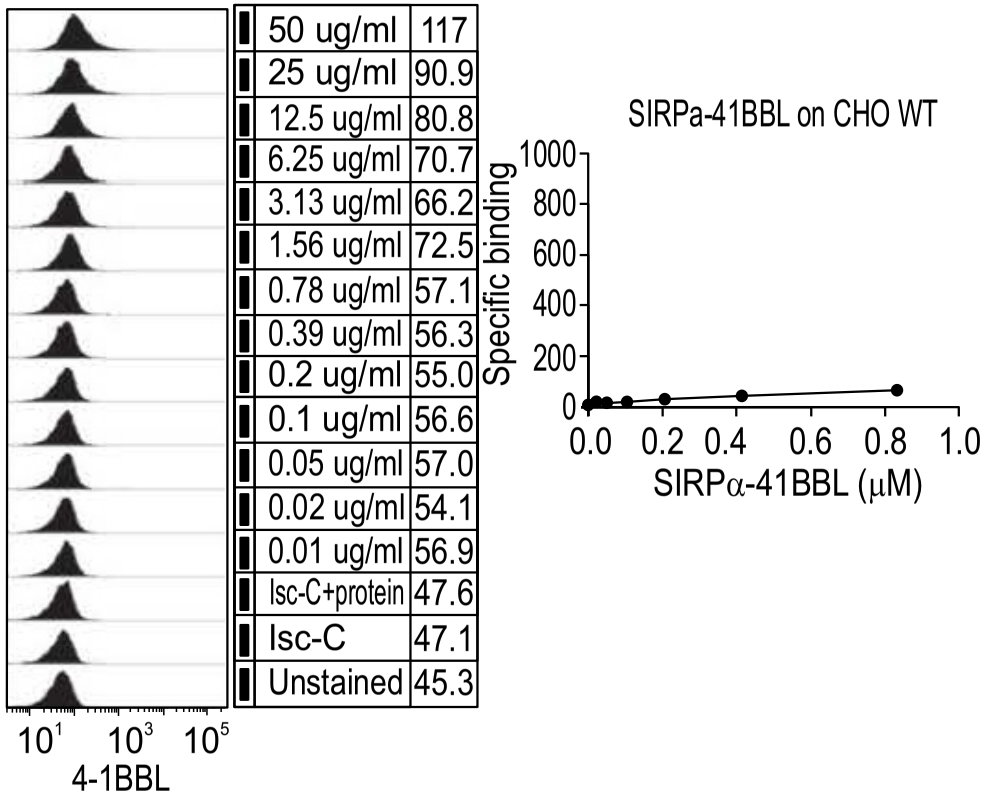


FIG. 6

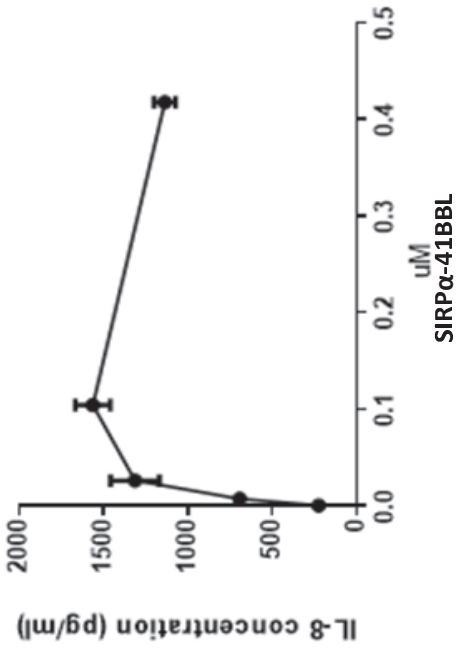

IL-8 concentration (pg/ml)
2000
1500
1000
500
0
0.0
0.1
0.2
0.3
0.4
0.5
uM
SIRPα-41BBL

FIG. 7

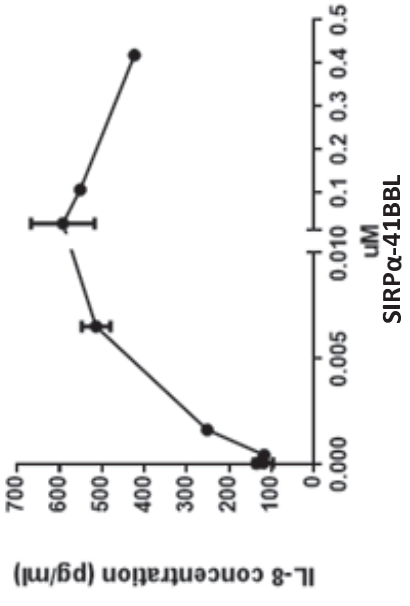

IL-8 concentration (pg/ml)
700
600
500
400
300
200
100
0
0.000
0.005
0.010
0.1
0.2
0.3
0.4
0.5
uM
SIRPα-41BBL

FIG. 8A

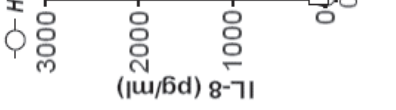


FIG. 8B

FIG. 8C

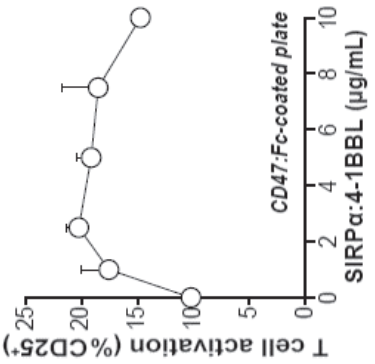


FIG. 8D

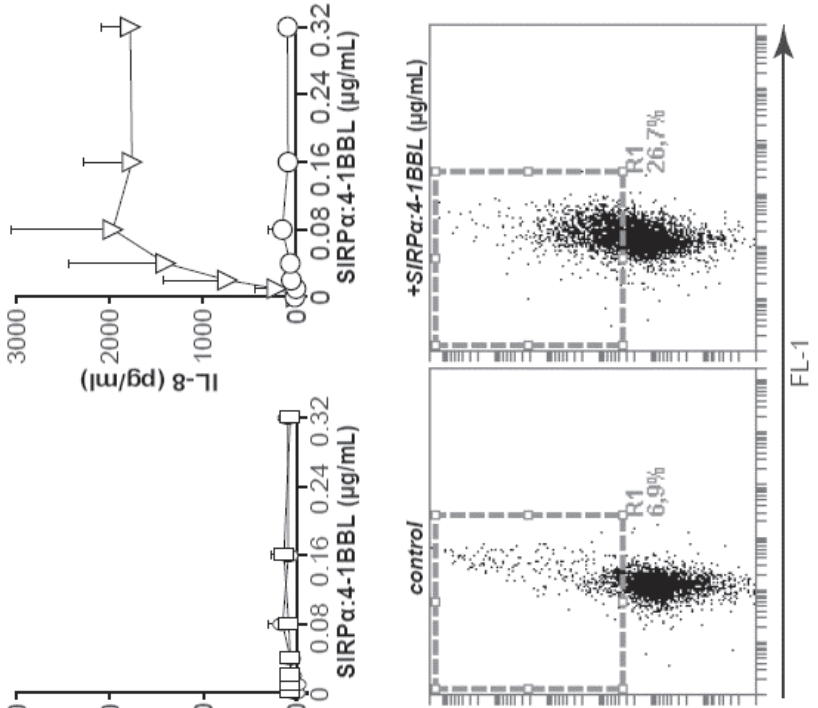


FIG. 8E

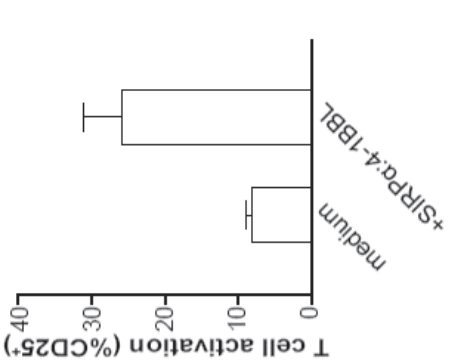


FIG. 9A

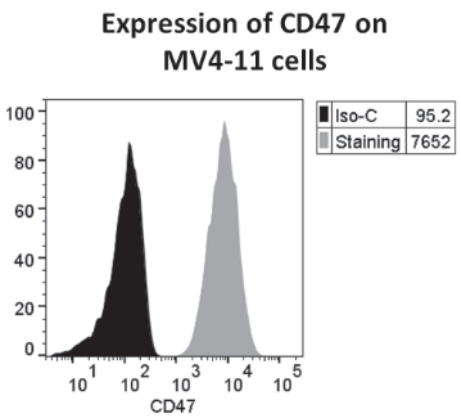


FIG. 9B

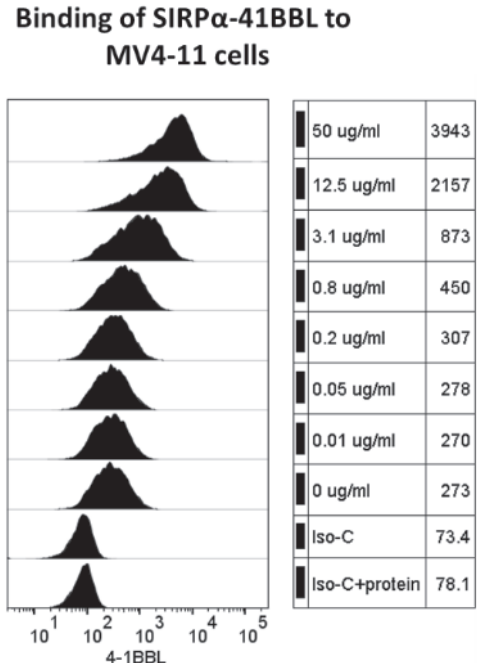


FIG. 9C

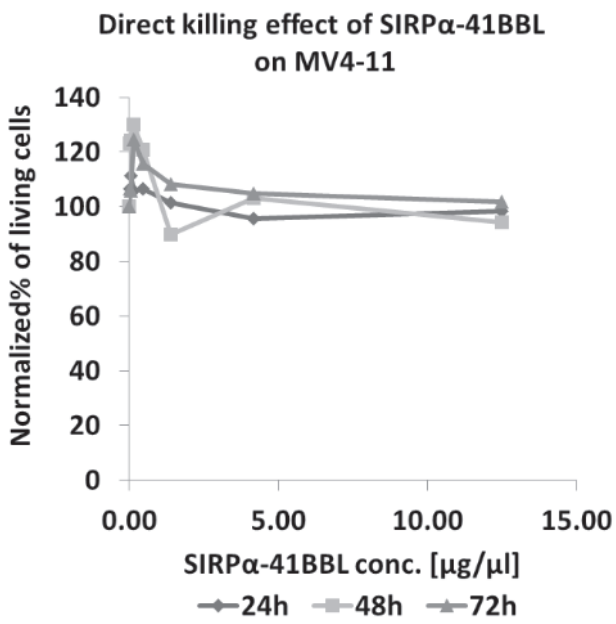


FIG. 10A

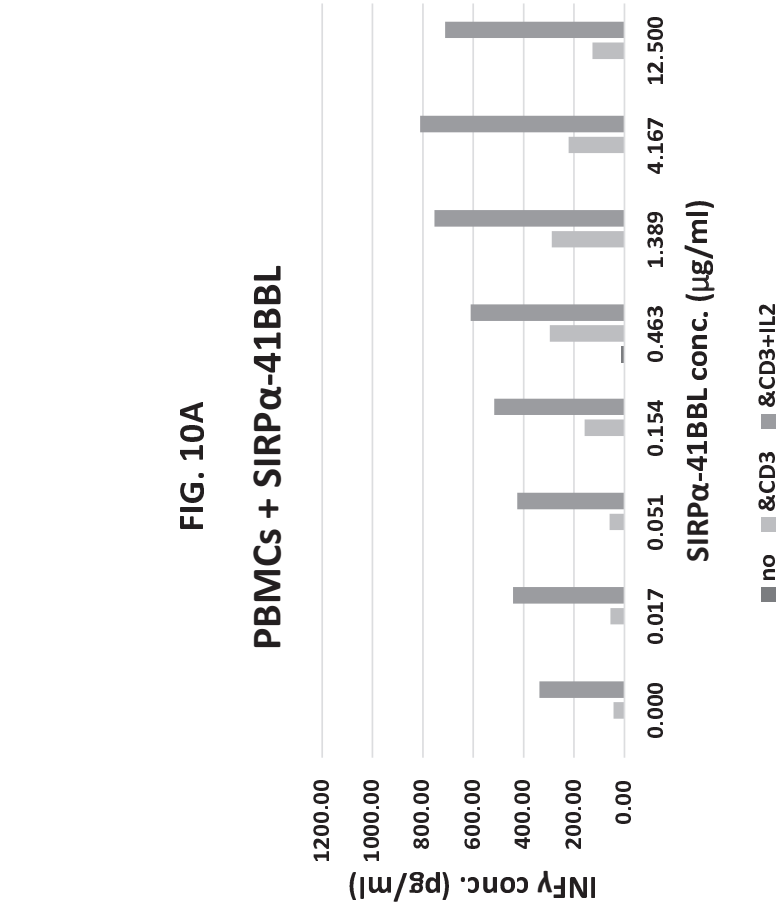


FIG. 10B

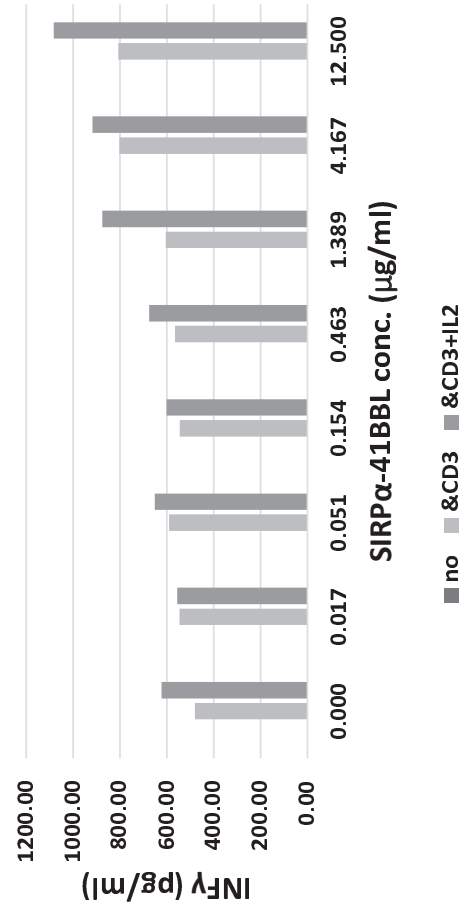


FIG. 11A

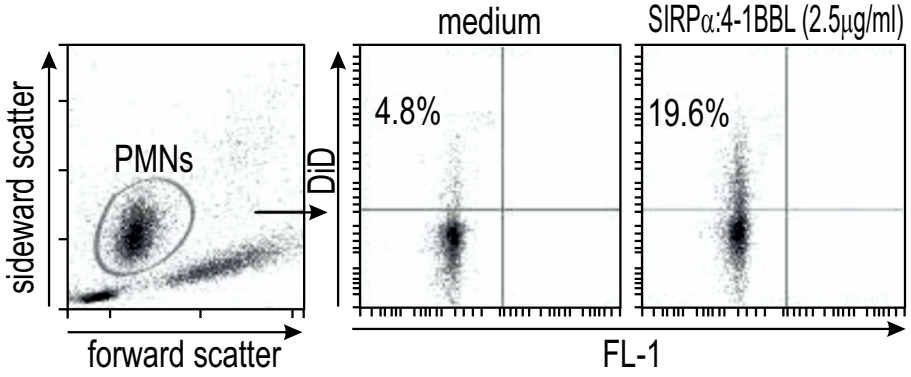


FIG. 11B

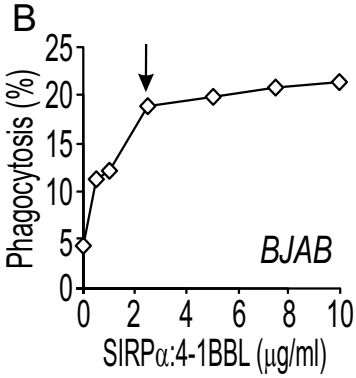


FIG. 11C

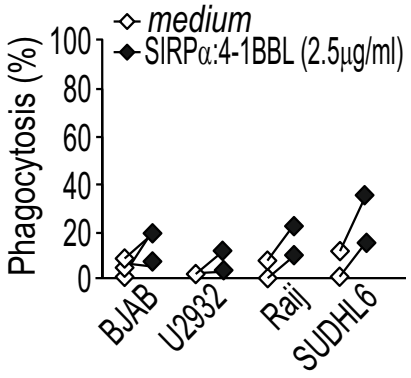


FIG. 11D

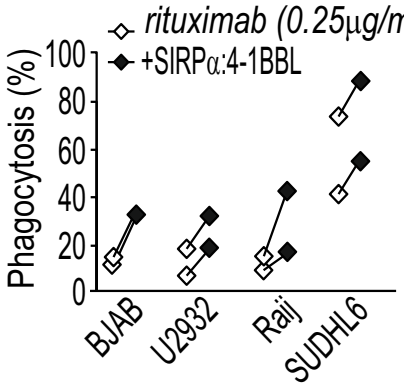


FIG. 11E

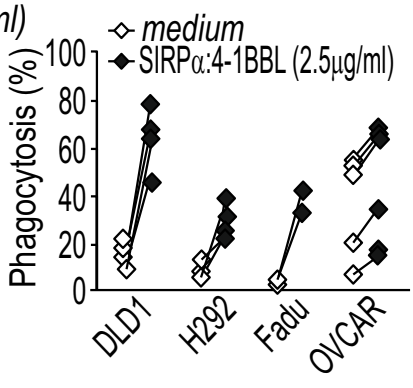


FIG. 11F

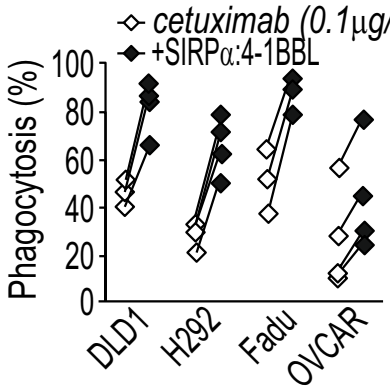


FIG. 11G

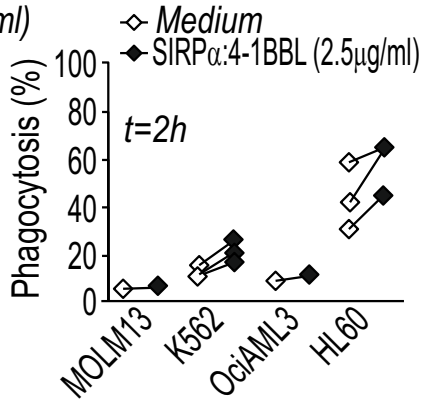


FIG. 11H

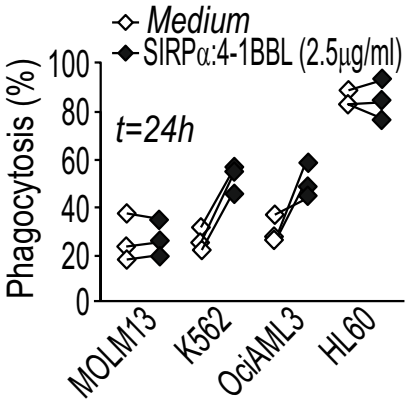


FIG. 11I

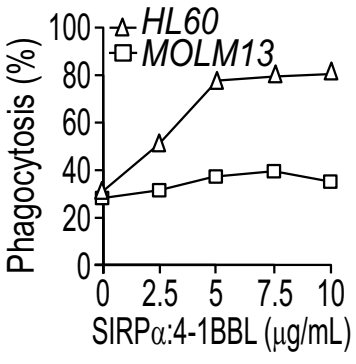


FIG. 11J

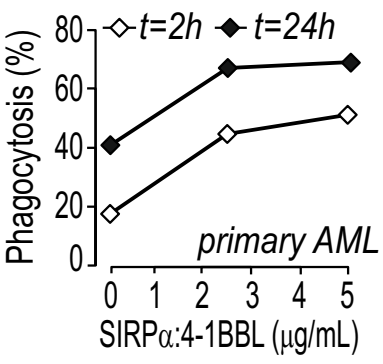


FIG. 11K

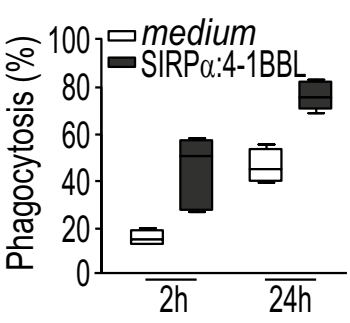


FIG. 11L

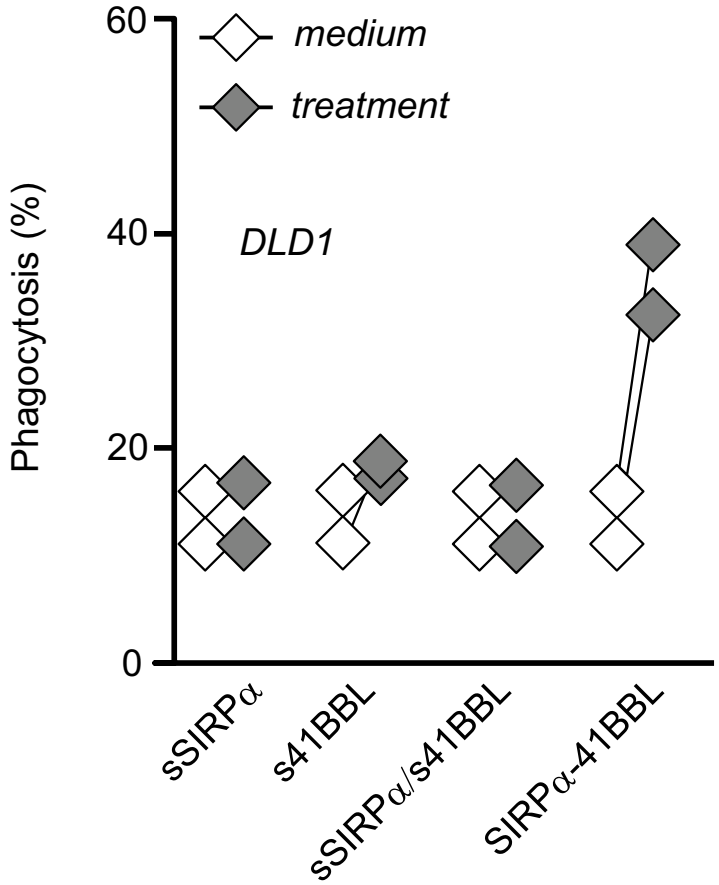

60
40
20
0
Phagocytosis (%)
medium
treatment
DLD1
sSIRPα
s41BBL
sSIRPα/s41BBL
SIRPα-41BBL

FIG. 12A

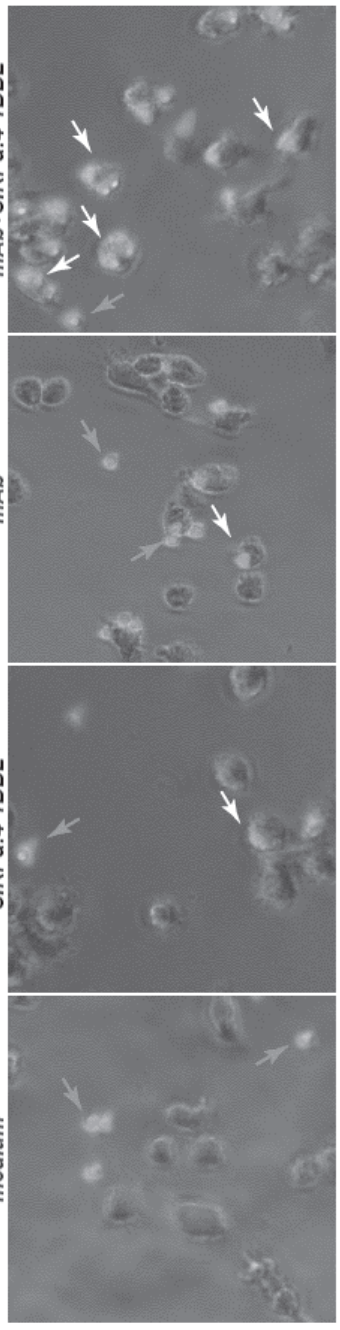


FIG. 12B

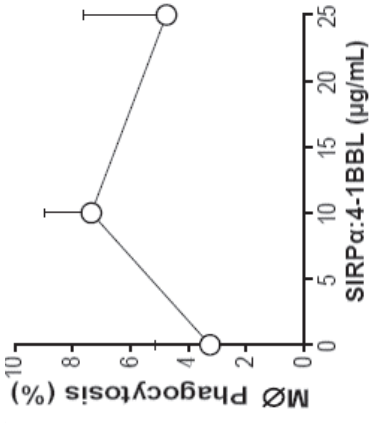


FIG. 12C

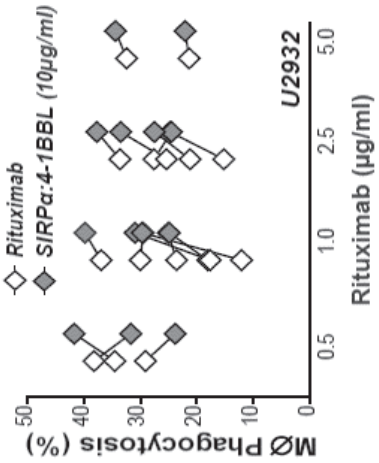


FIG. 12D

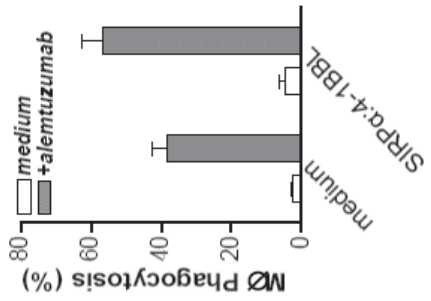


FIG. 13A

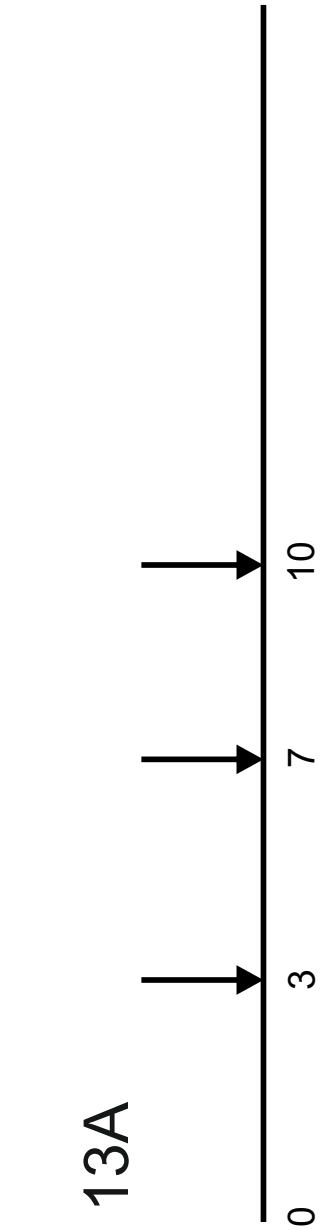


FIG. 13B

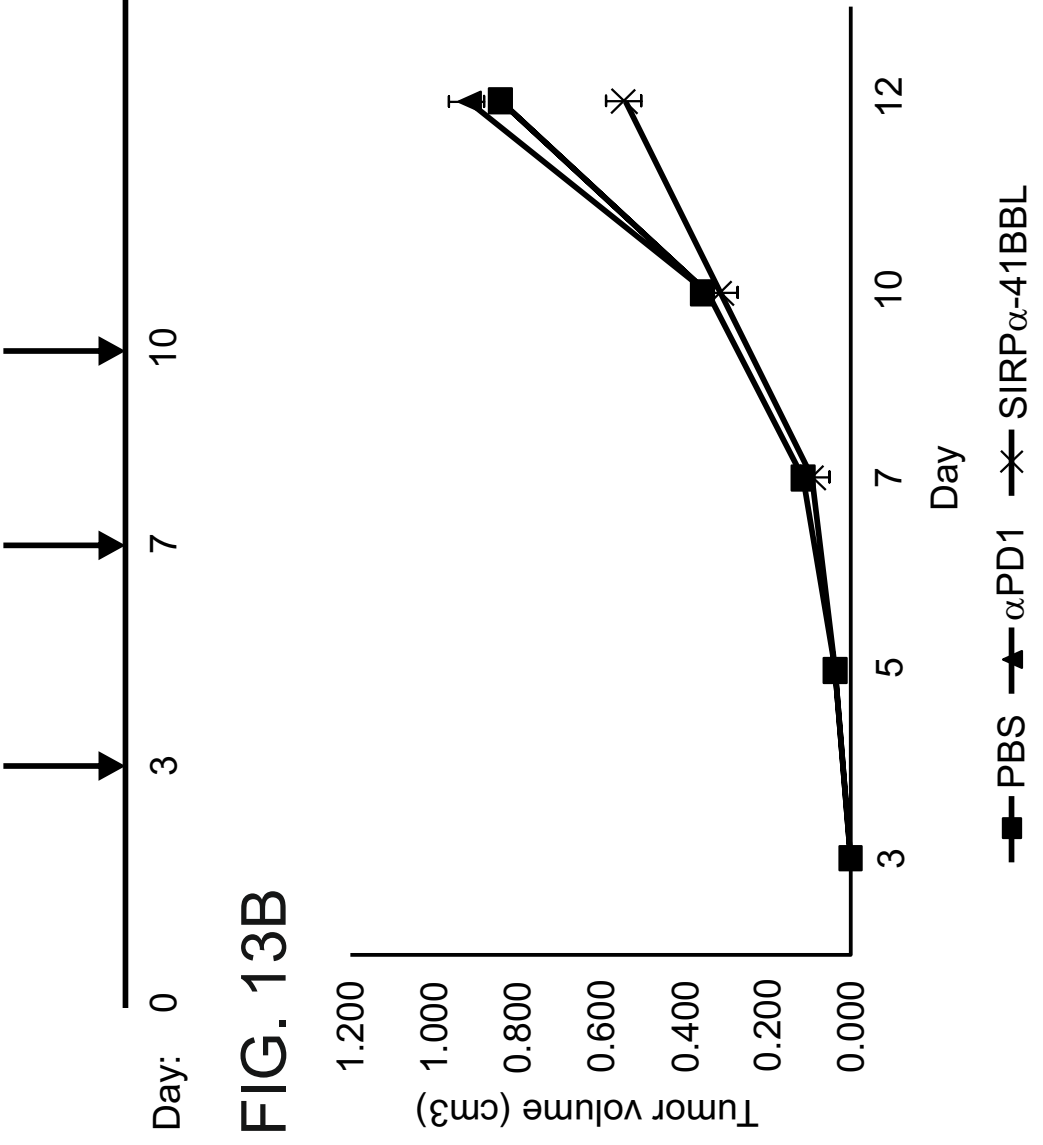


FIG. 14A

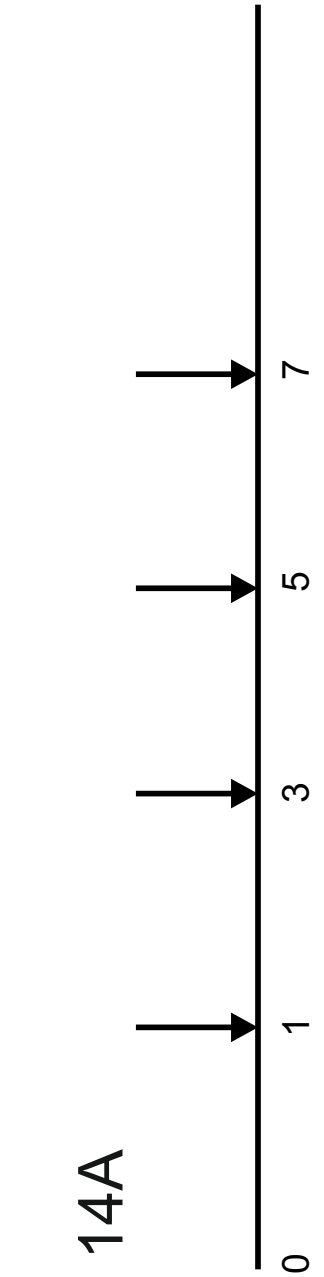


FIG. 14B

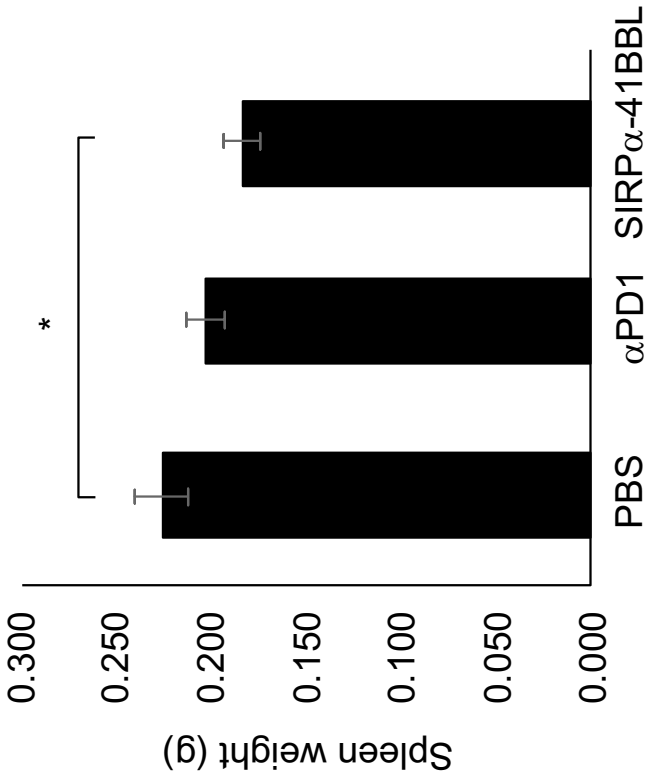


FIG. 15A

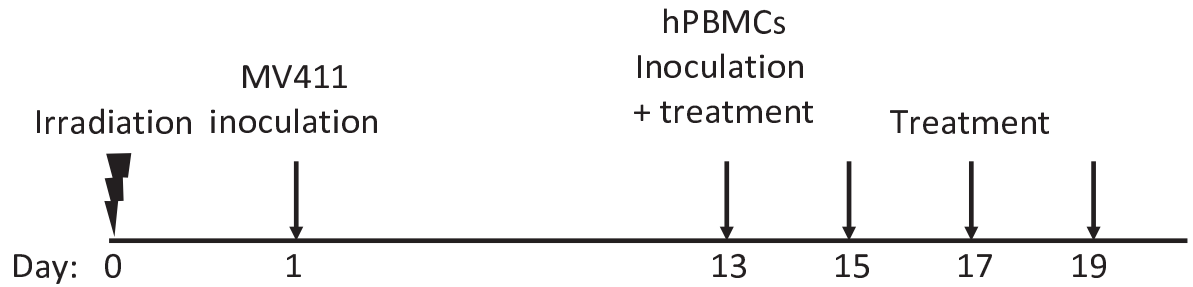


FIG. 15B

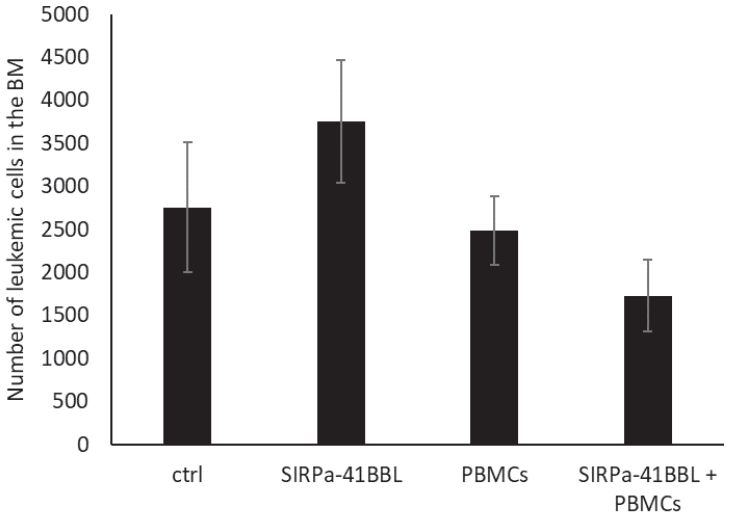
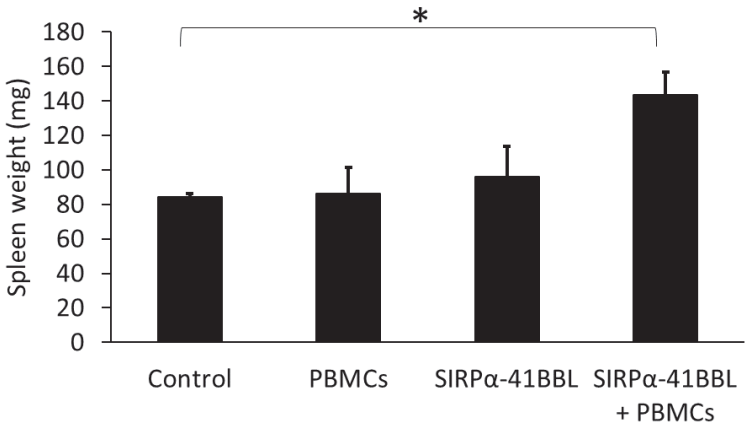



FIG. 15C