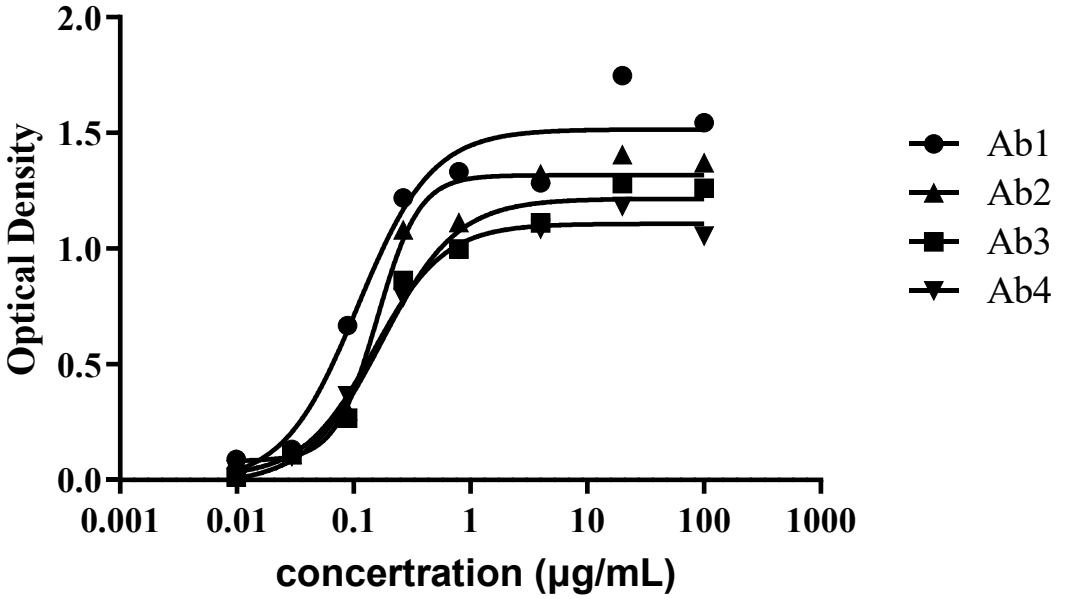


Figure 1

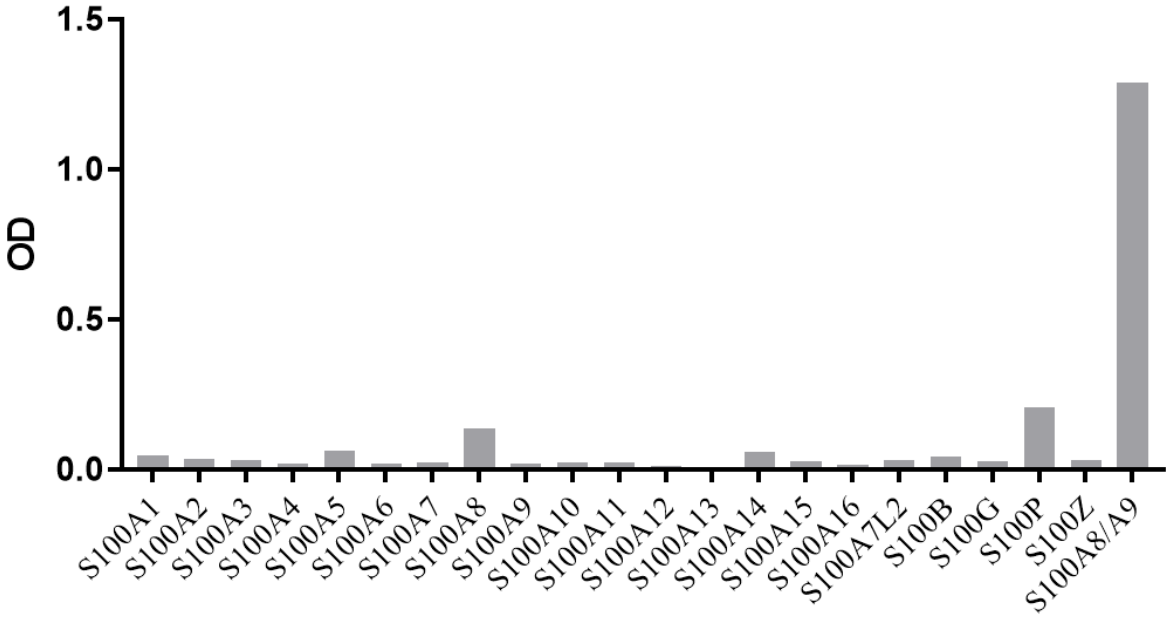


Figure 2

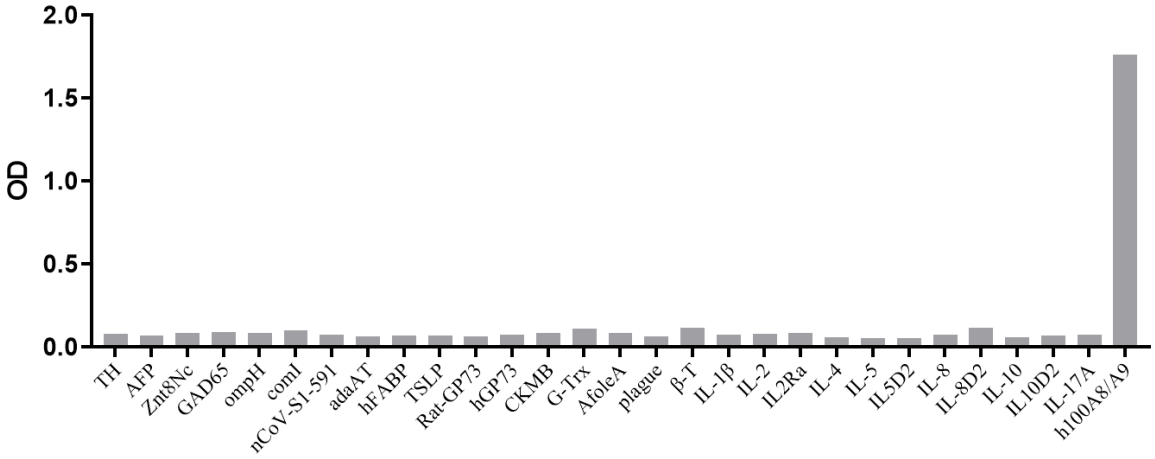


Figure 3

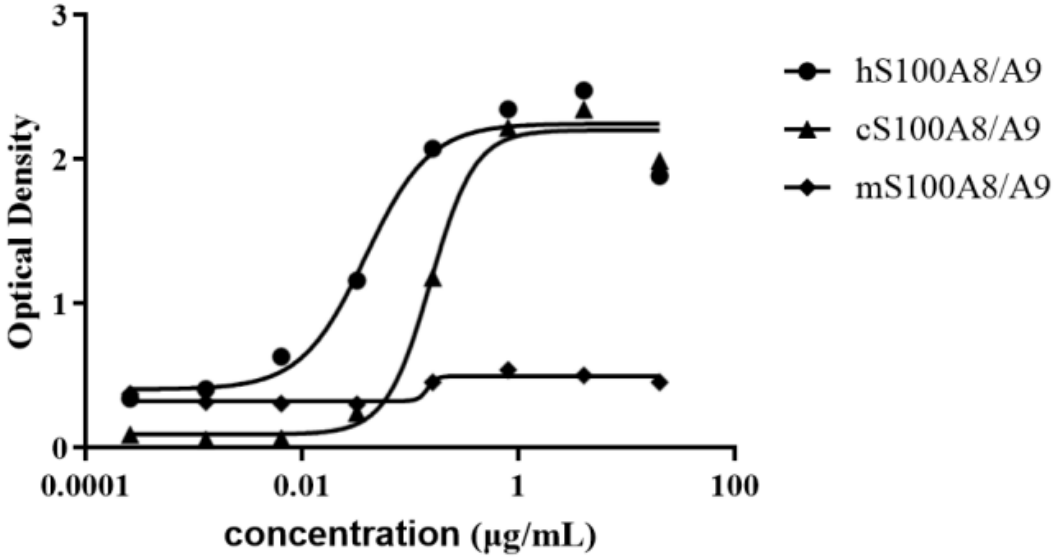


Figure 4

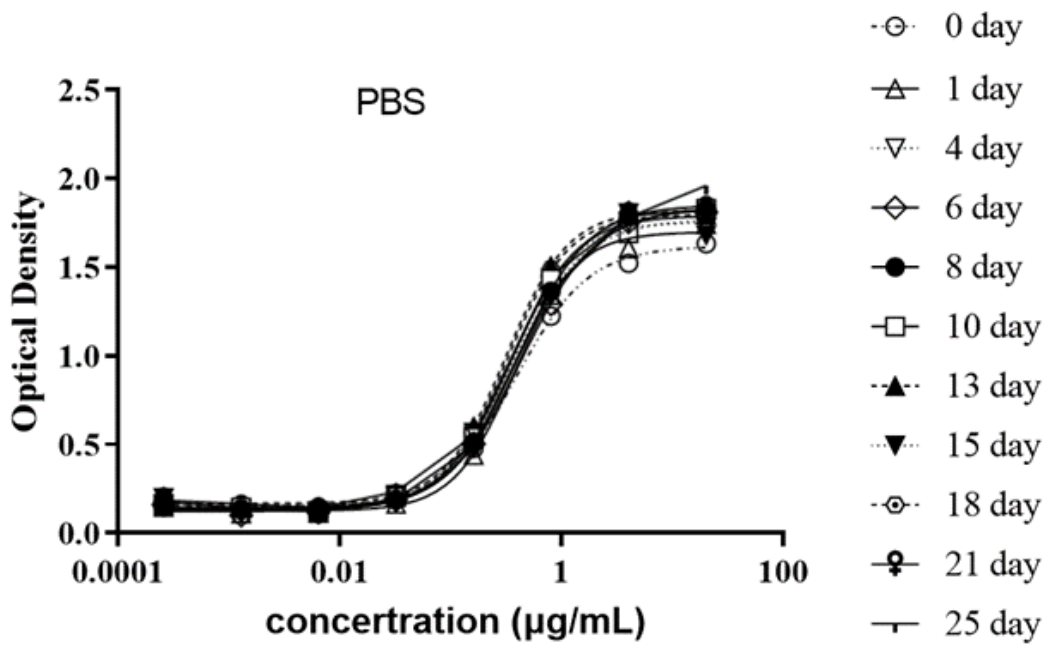


Figure 5A

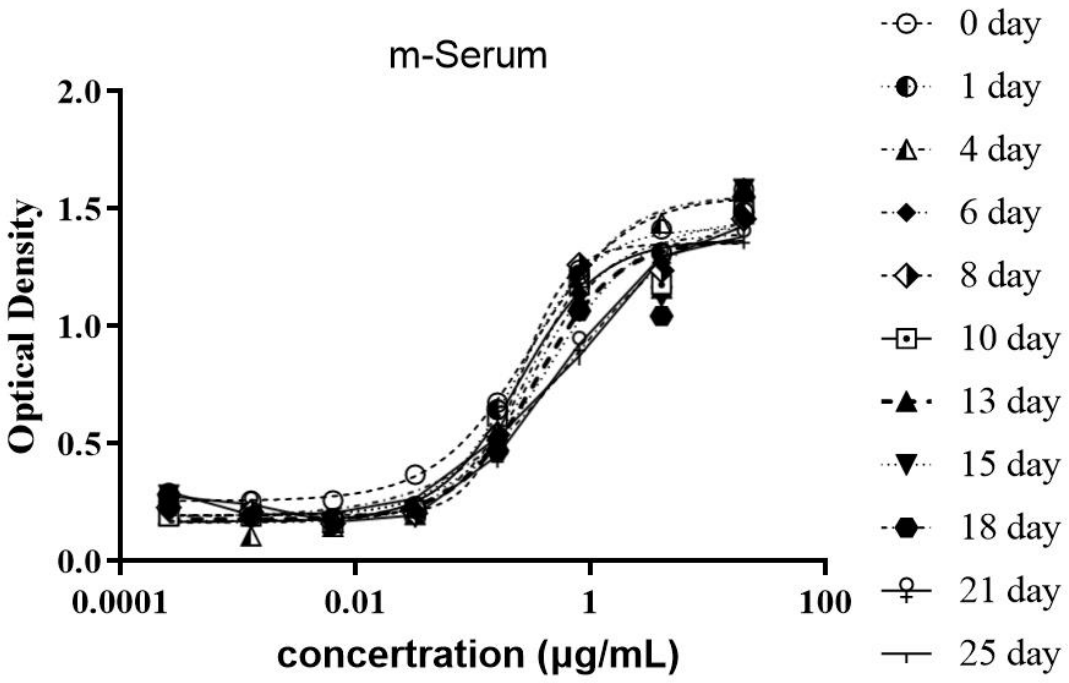


Figure 5B

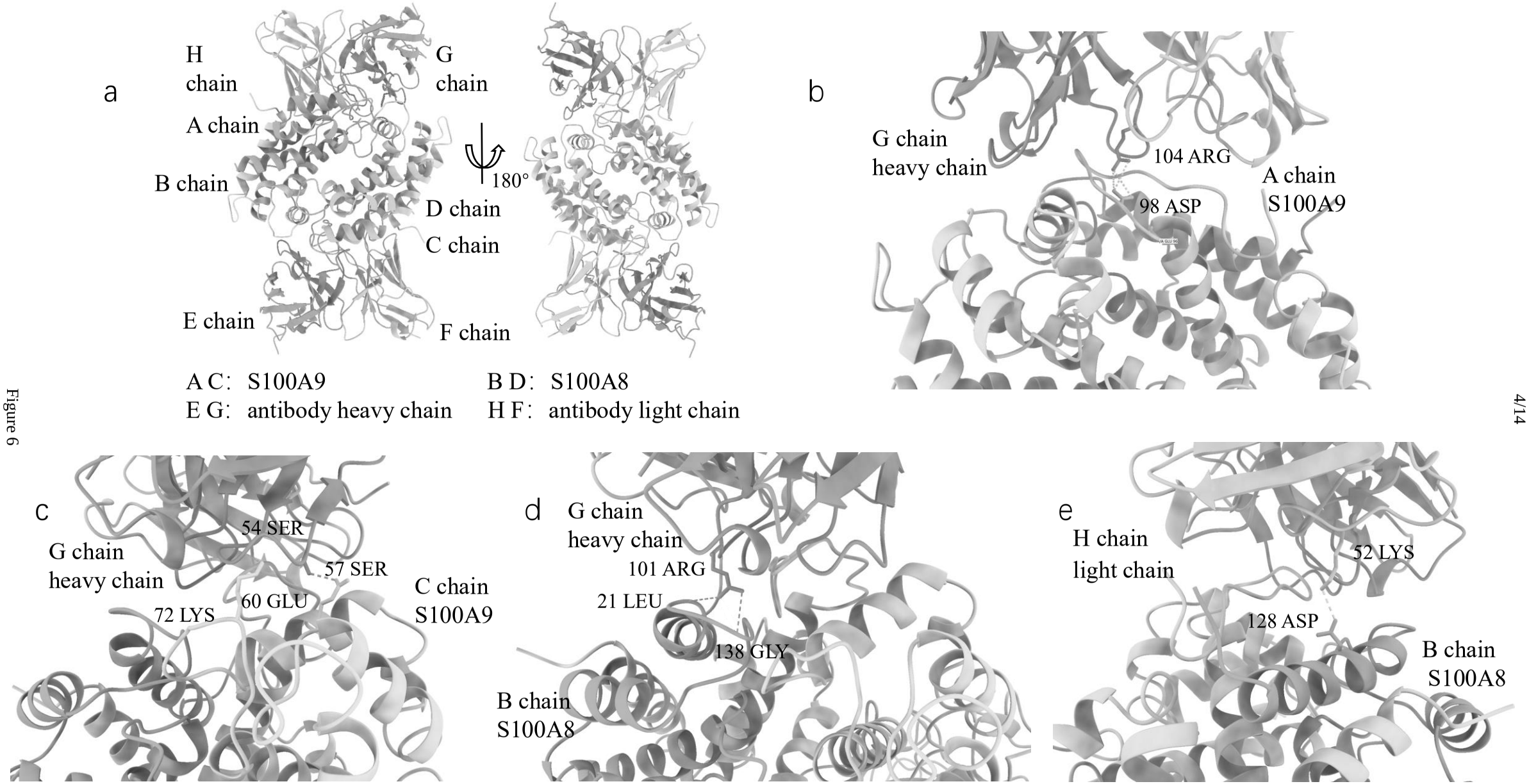

a
H chain
G chain
A chain
B chain
180°
D chain
C chain
E chain
F chain
A C: S100A9
B D: S100A8
E G: antibody heavy chain
H F: antibody light chain
b
G chain heavy chain
104 ARG
A chain S100A9
98 ASP
c
54 SER
G chain heavy chain
57 SER
C chain S100A9
60 GLU
72 LYS
d
G chain heavy chain
101 ARG
21 LEU
138 GLY
B chain S100A8
e
H chain light chain
52 LYS
128 ASP
B chain S100A8

Figure 6

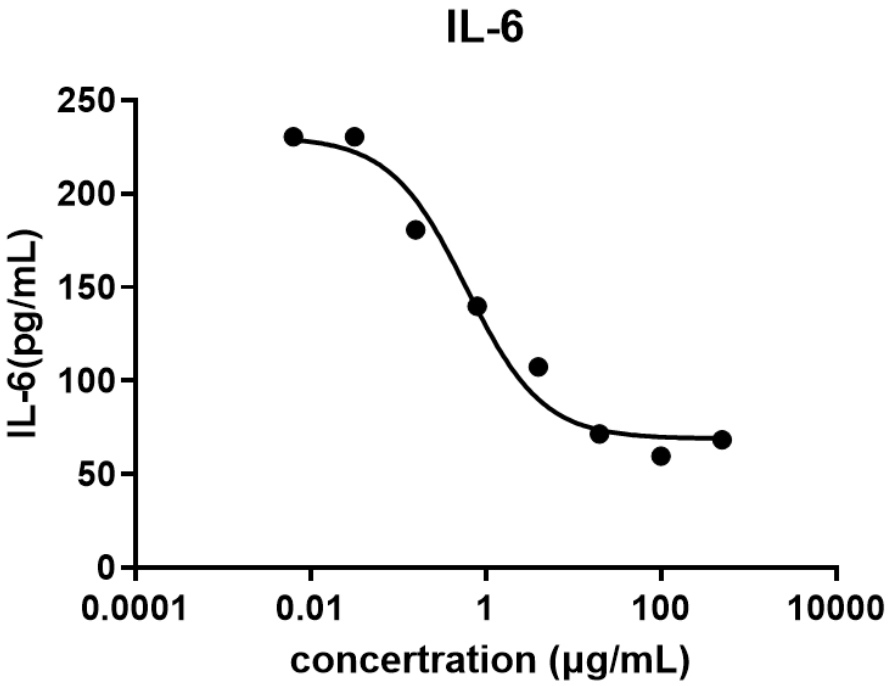


Figure 7A

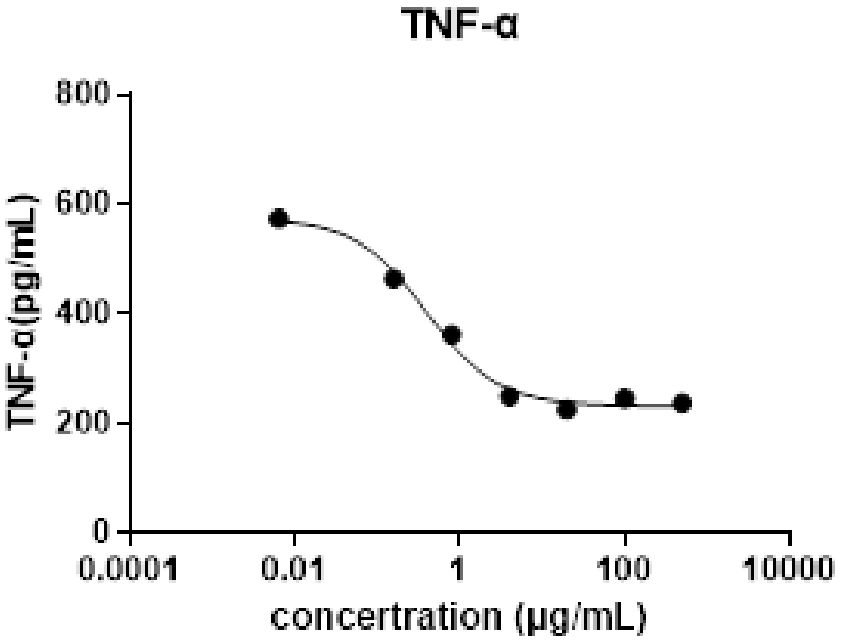


Figure 7B

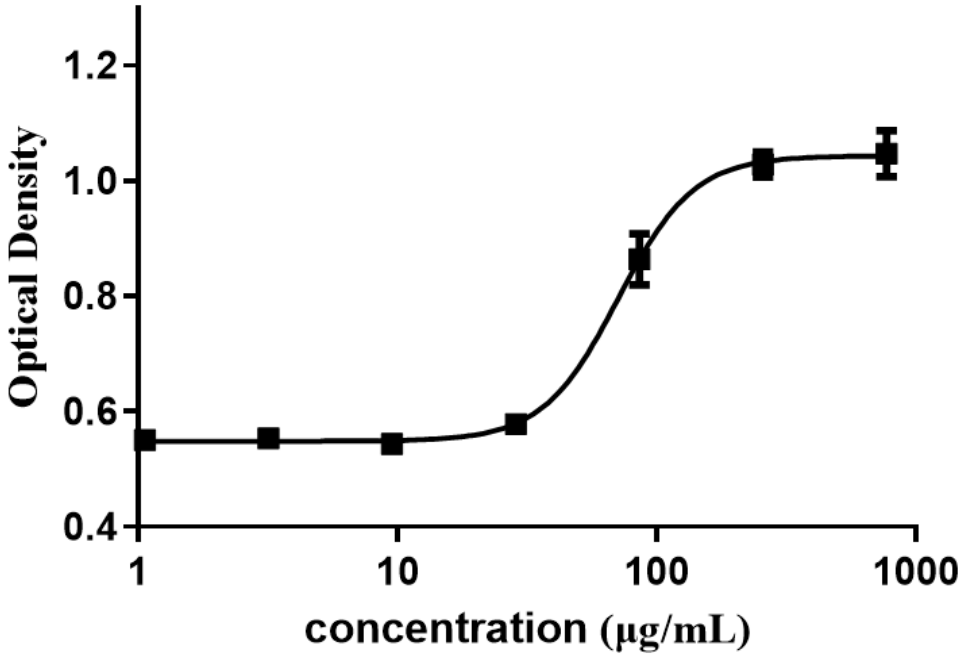

Optical Density
1.2
1.0
0.8
0.6
0.4
1
10
100
1000
concentration (μg/mL)

Figure 8

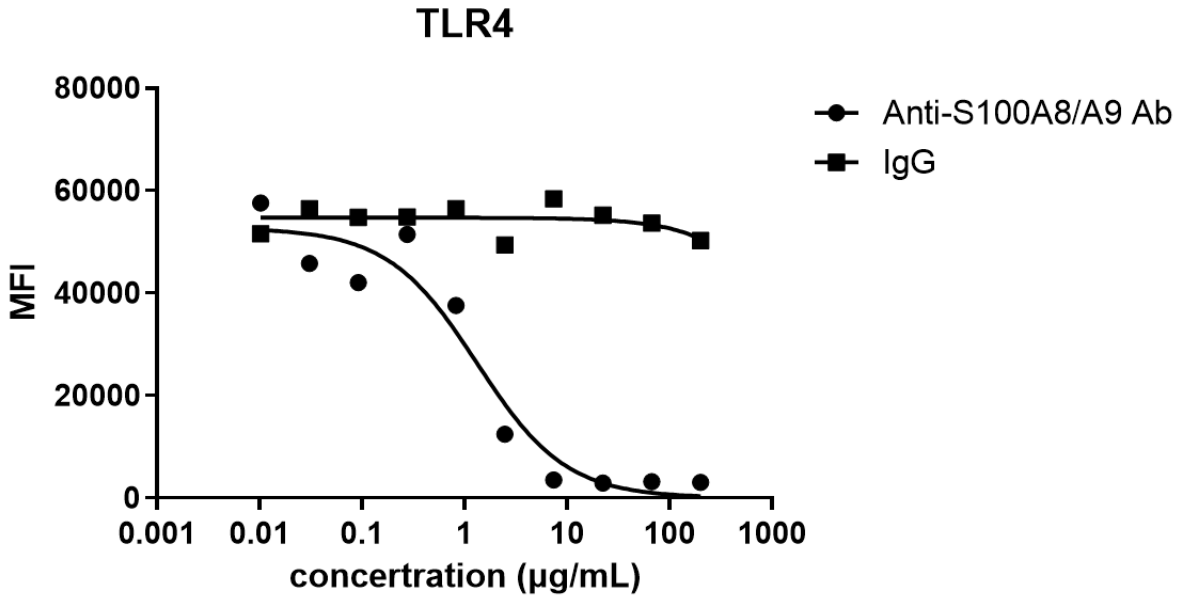


Figure 9A

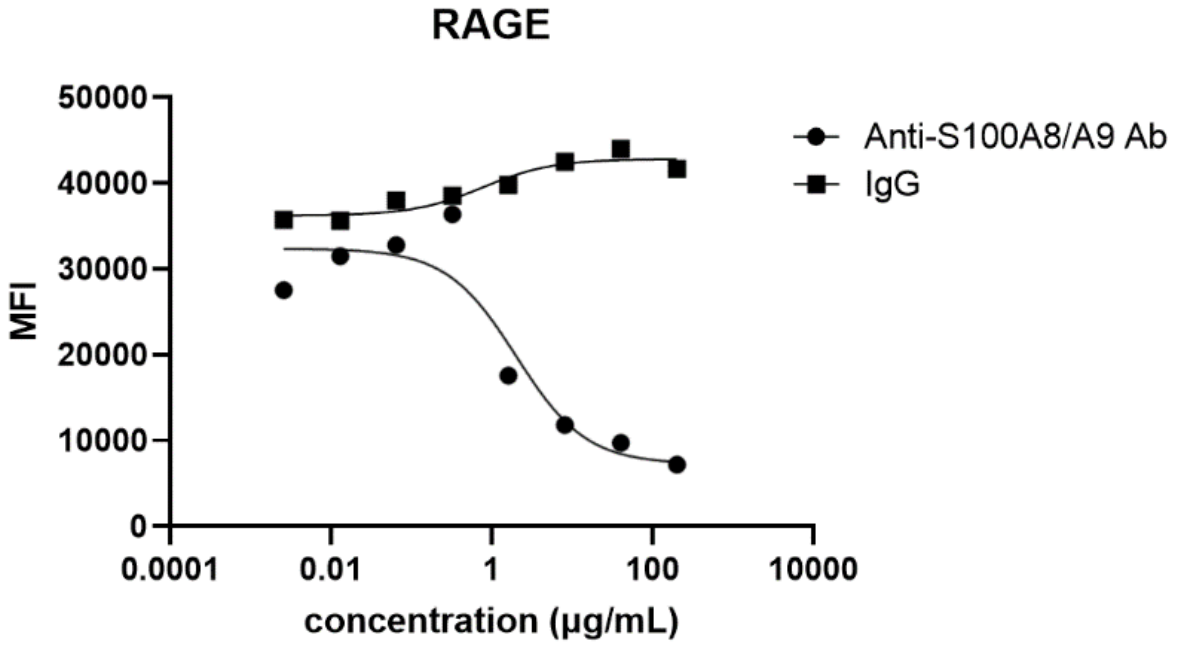


Figure 9B

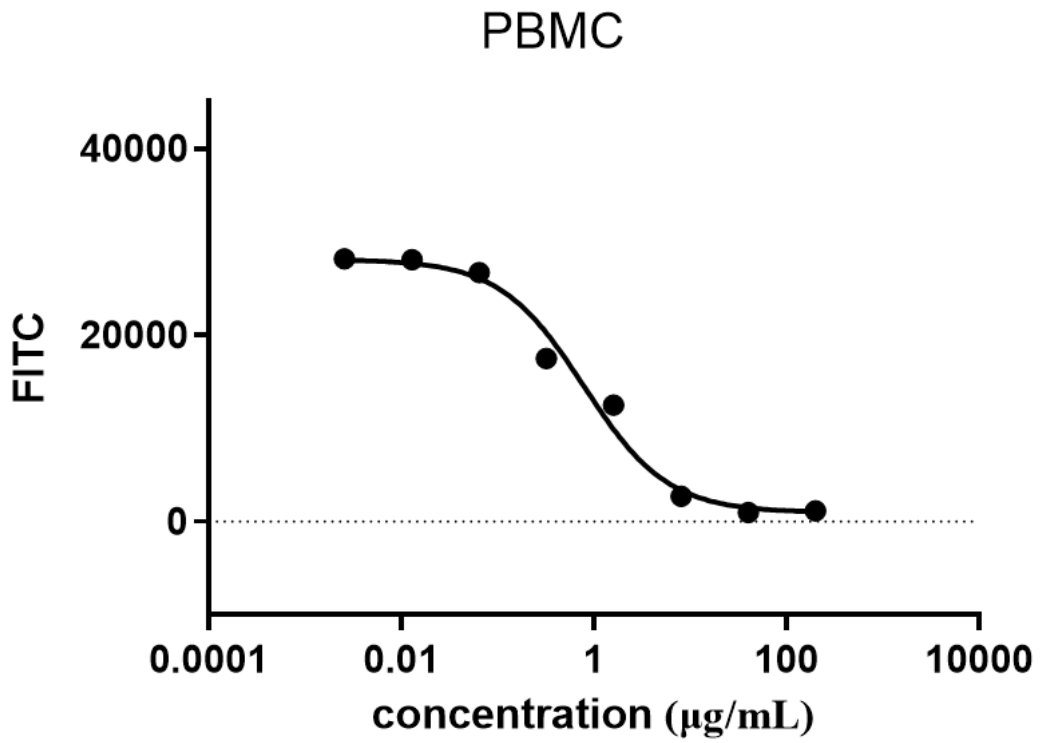


Figure 10A

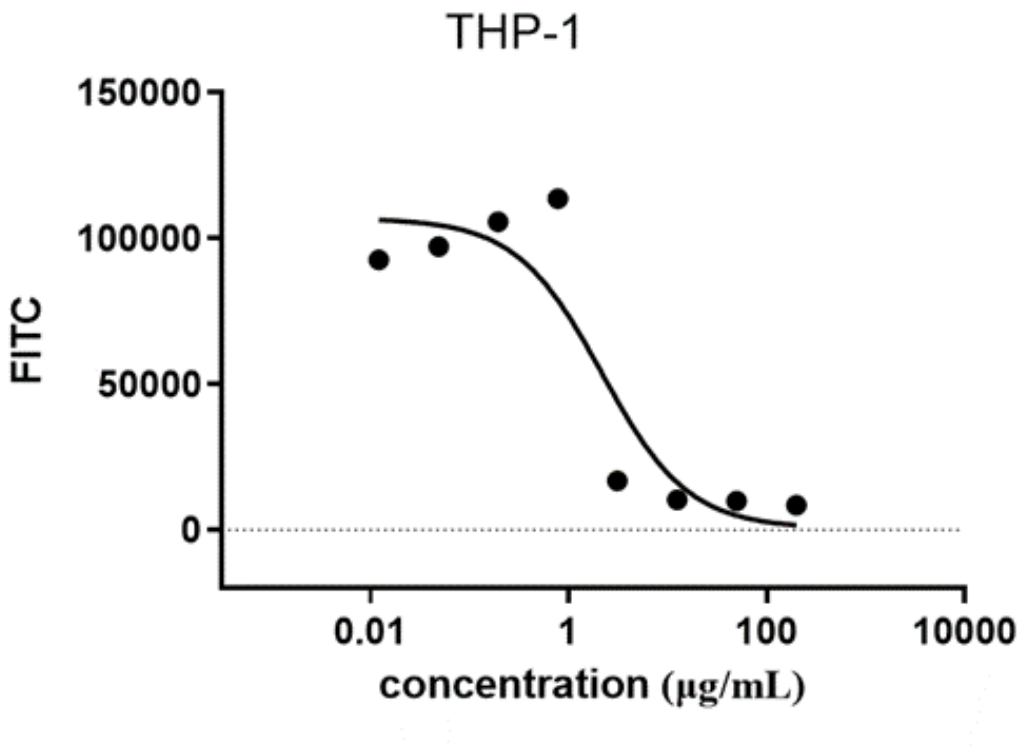


Figure 10B

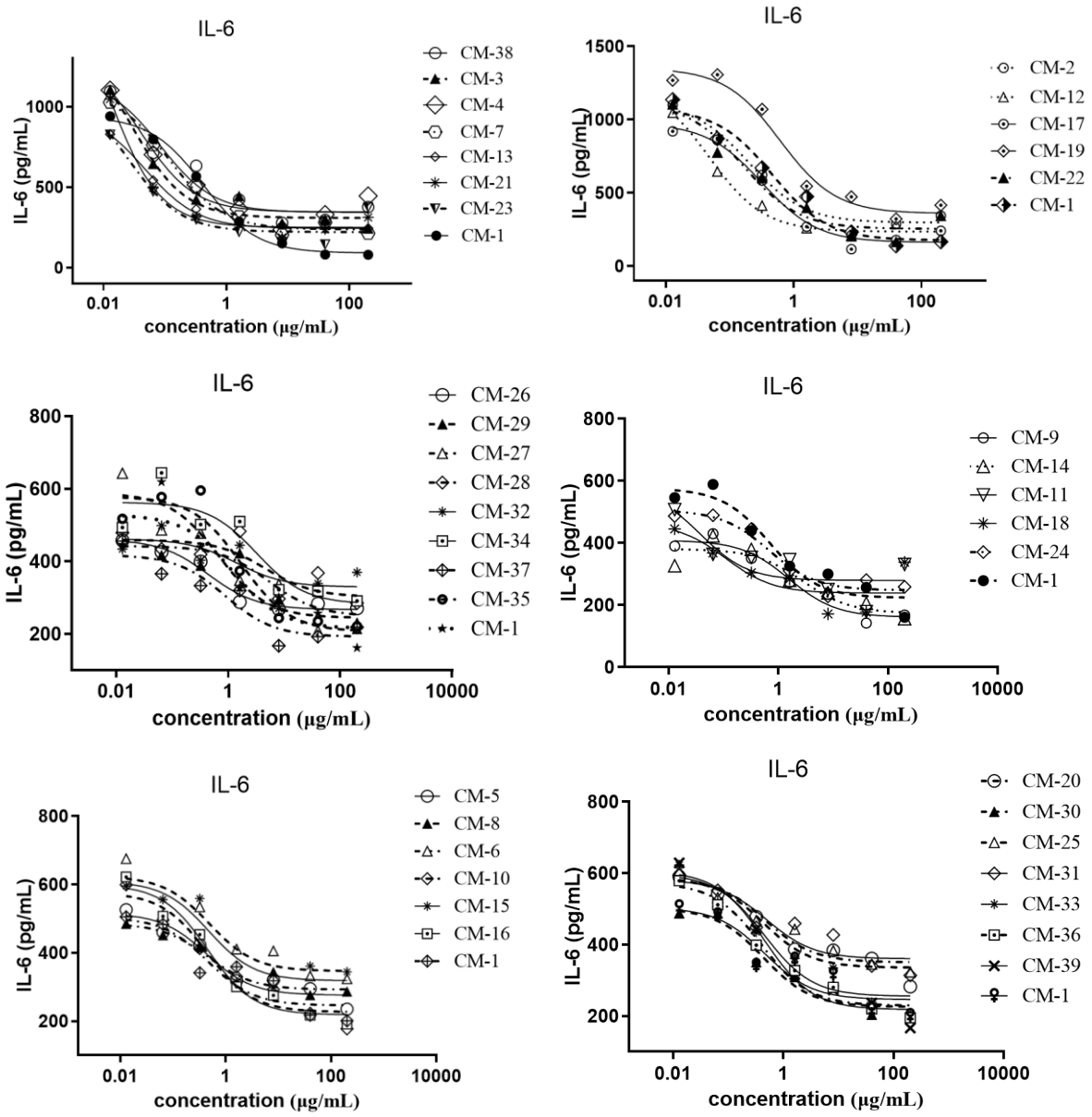

IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-38
CM-3
CM-4
CM-7
CM-13
CM-21
CM-23
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-2
CM-12
CM-17
CM-19
CM-22
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-26
CM-29
CM-27
CM-28
CM-32
CM-34
CM-37
CM-35
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-9
CM-14
CM-11
CM-18
CM-24
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-5
CM-8
CM-6
CM-10
CM-15
CM-16
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-20
CM-30
CM-25
CM-31
CM-33
CM-36
CM-39
CM-1

Figure 11

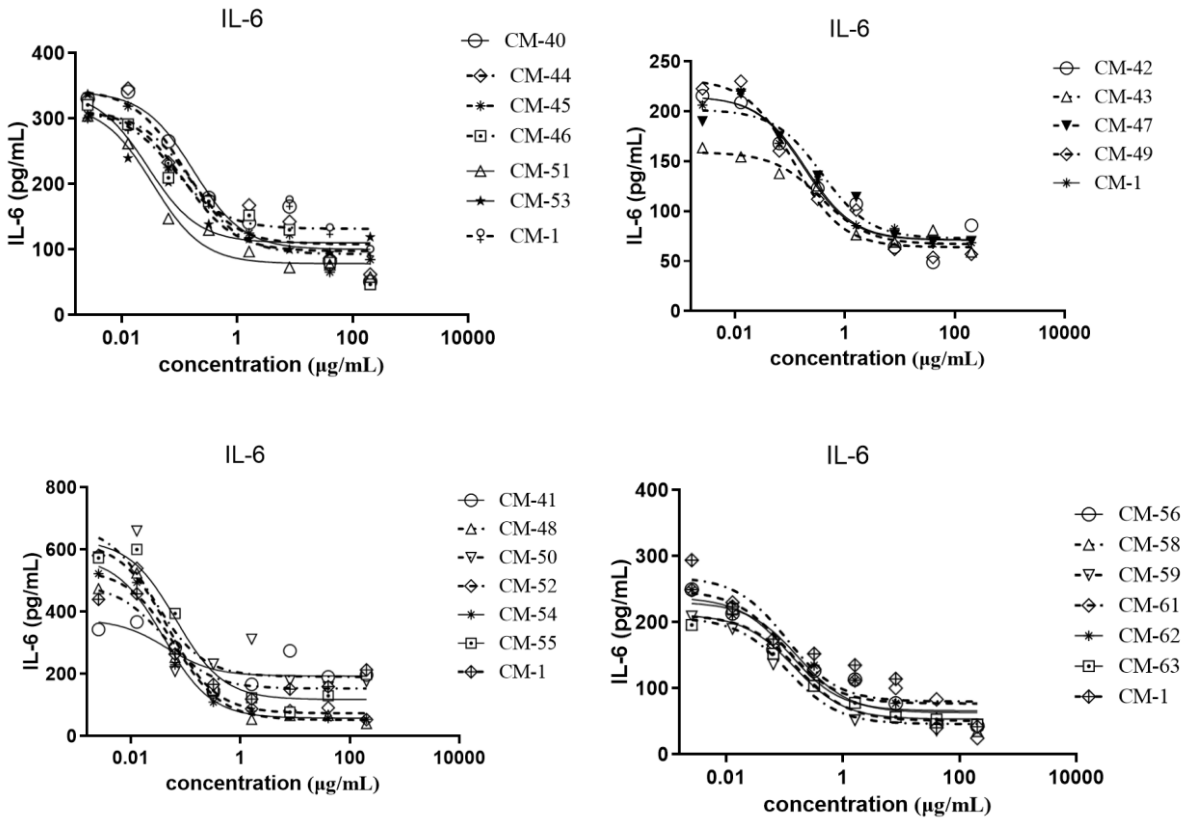

IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-40
CM-44
CM-45
CM-46
CM-51
CM-53
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-42
CM-43
CM-47
CM-49
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-41
CM-48
CM-50
CM-52
CM-54
CM-55
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-56
CM-58
CM-59
CM-61
CM-62
CM-63
CM-1

Figure 12A

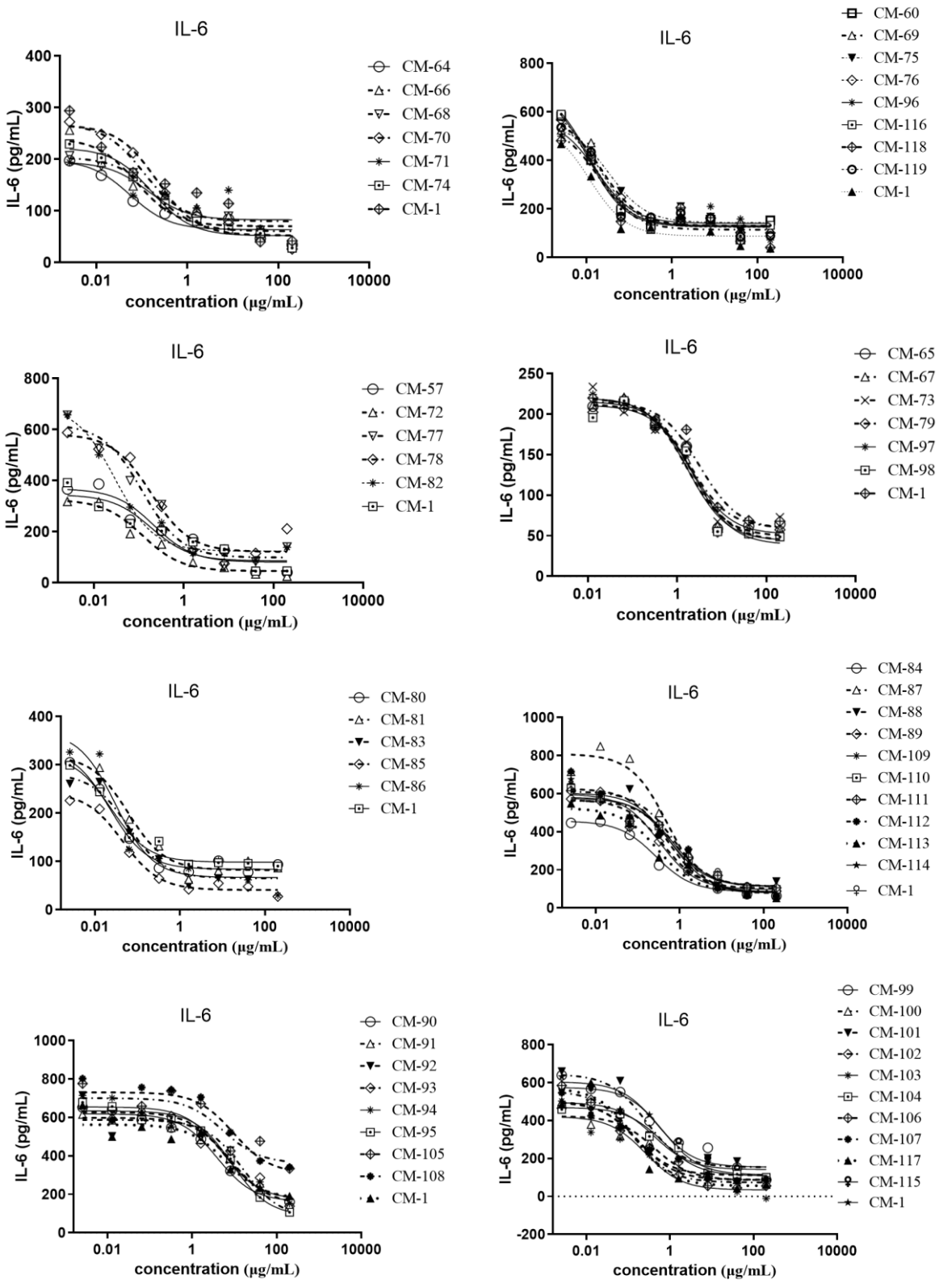

IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-64
CM-66
CM-68
CM-70
CM-71
CM-74
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-60
CM-69
CM-75
CM-76
CM-96
CM-116
CM-118
CM-119
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-57
CM-72
CM-77
CM-78
CM-82
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-65
CM-67
CM-73
CM-79
CM-97
CM-98
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-80
CM-81
CM-83
CM-85
CM-86
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-84
CM-87
CM-88
CM-89
CM-109
CM-110
CM-111
CM-112
CM-113
CM-114
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-90
CM-91
CM-92
CM-93
CM-94
CM-95
CM-105
CM-108
CM-1
IL-6
IL-6 (pg/mL)
concentration (μg/mL)
CM-99
CM-100
CM-101
CM-102
CM-103
CM-104
CM-106
CM-107
CM-117
CM-115
CM-1

Figure 12B

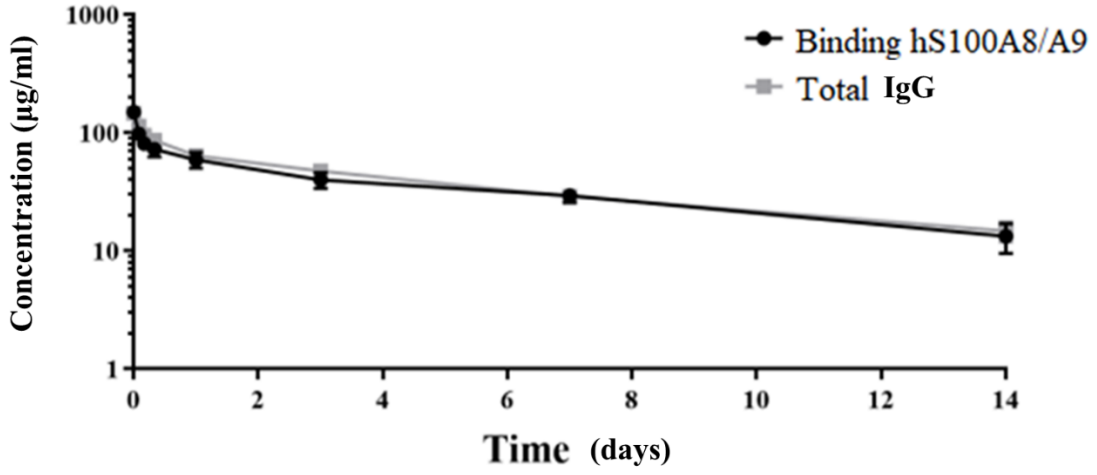


Figure 13

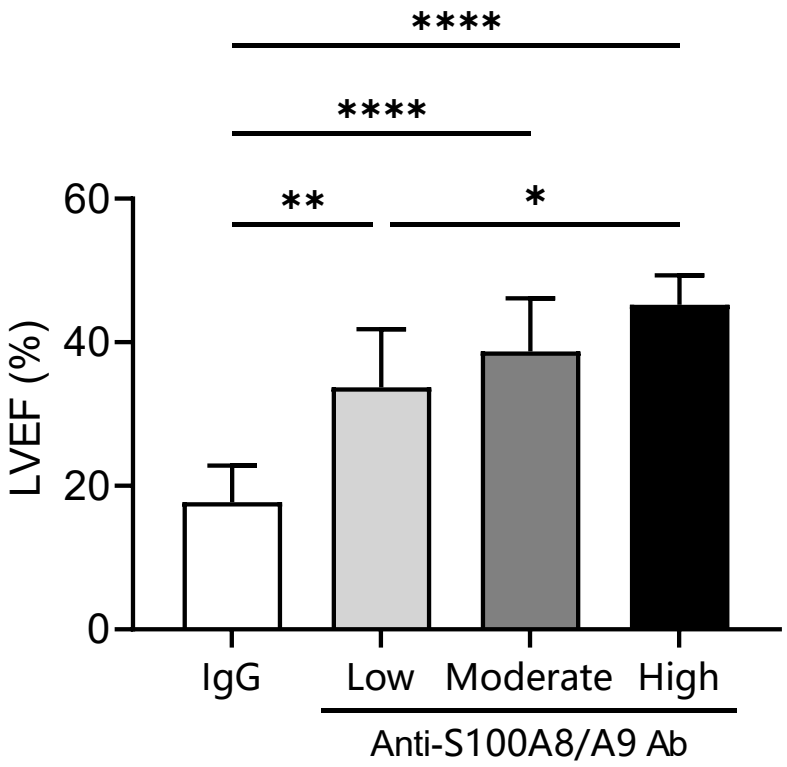


Figure 14

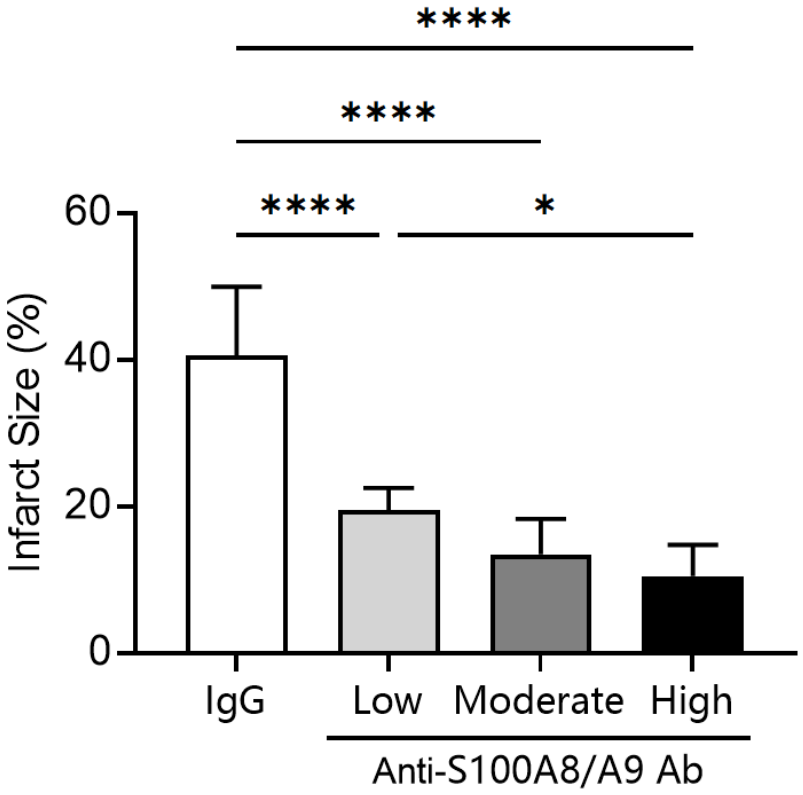


Figure 15

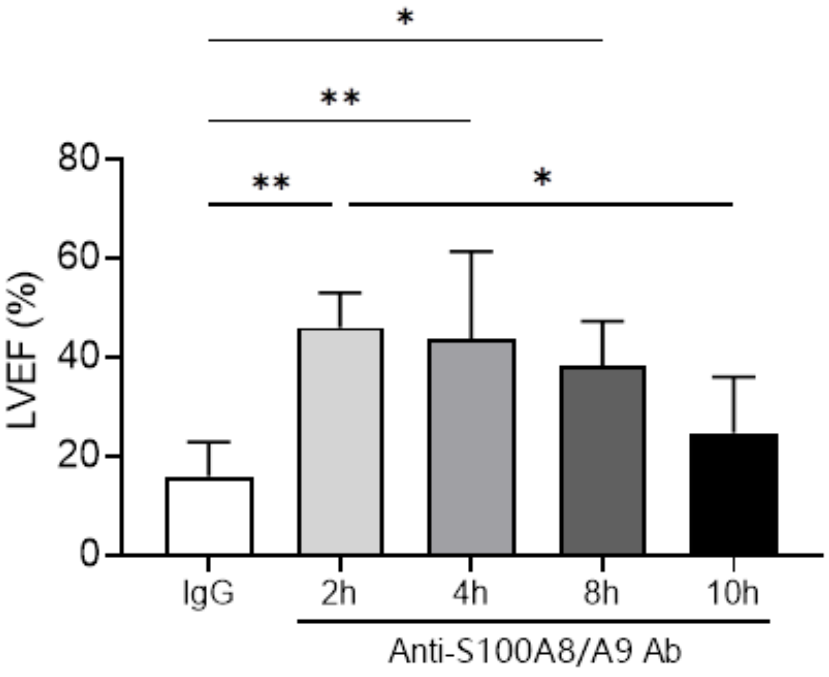


Figure 16

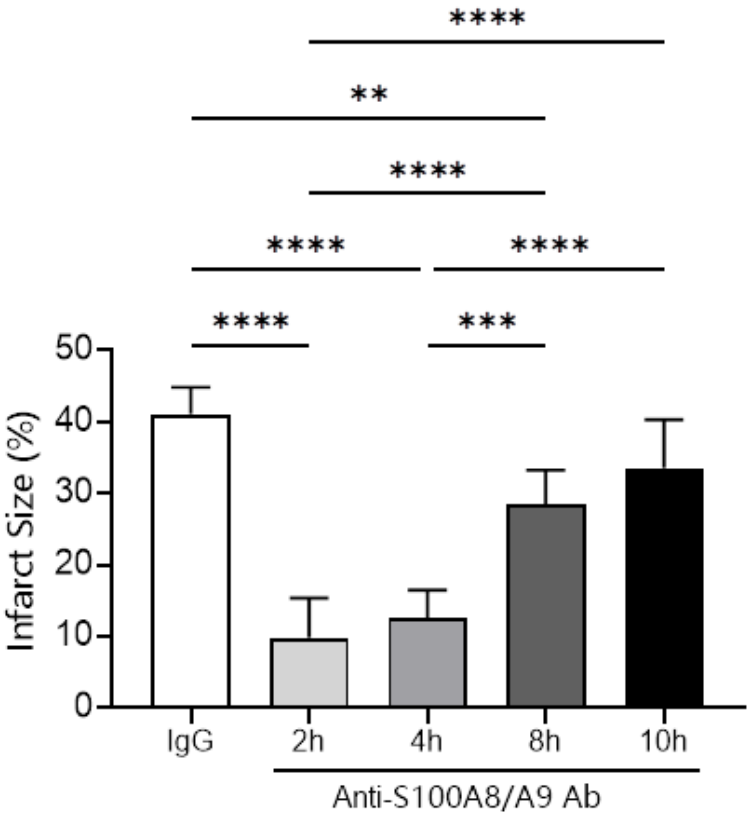


Figure 17

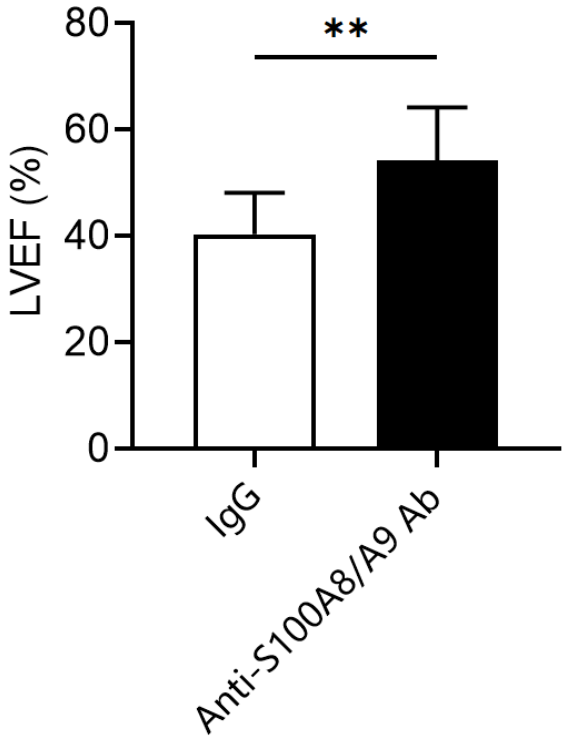


Figure 18