FIG. 1A

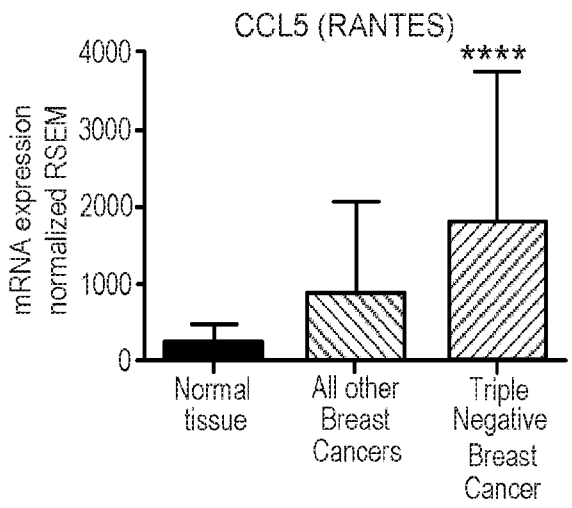


FIG. 1B

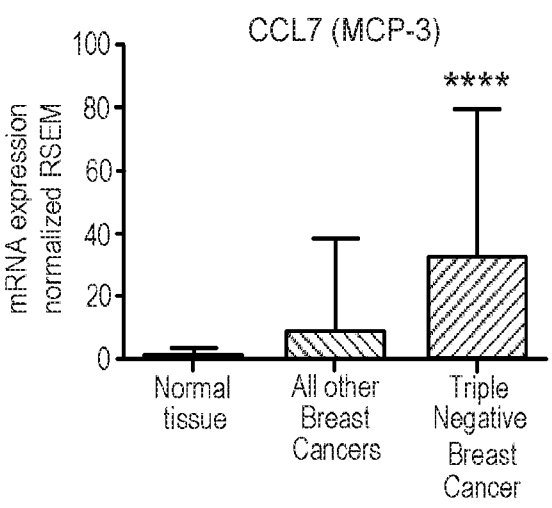


FIG. 1C

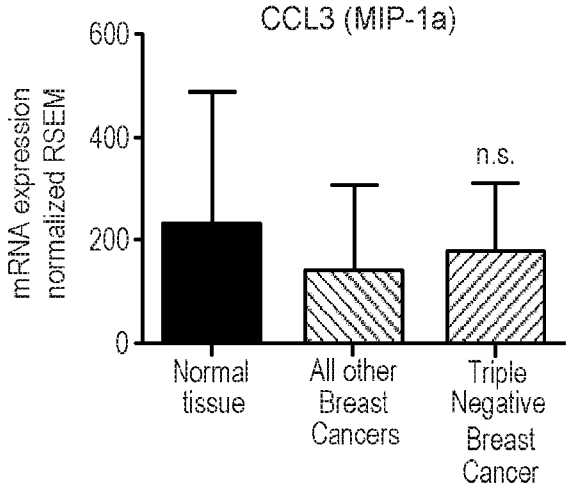
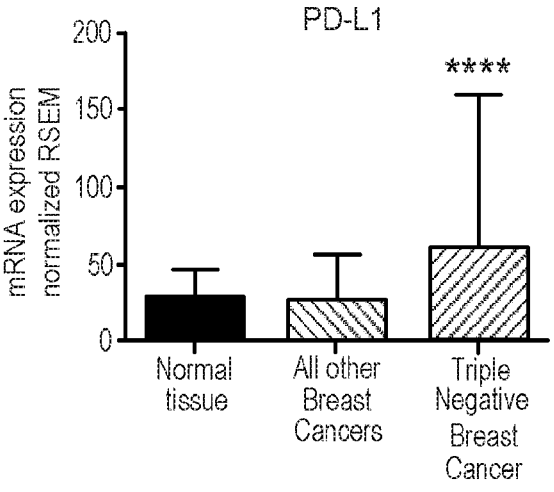


FIG. 1D



Analysis of mRNA data from The Cancer Genome Atlas (TCGA)
RSEM: RNA-Seq by Expectation-Maximization ****: p<0.0001

FIG. 1E

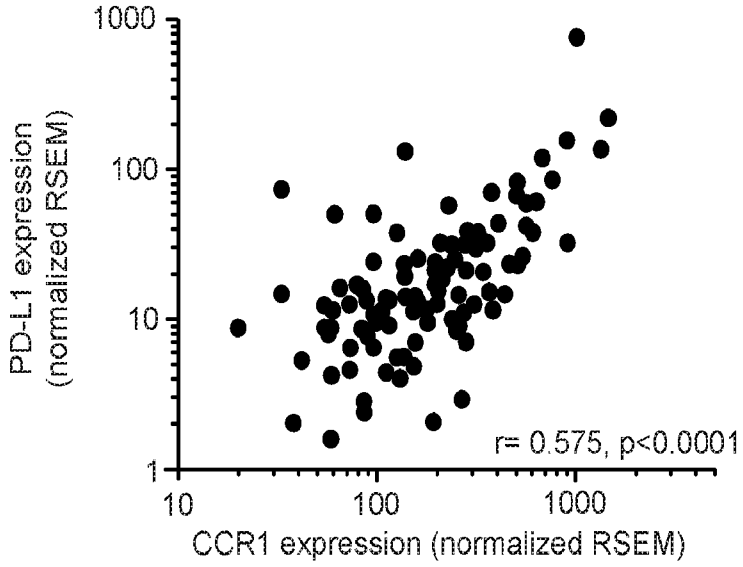


FIG. 2

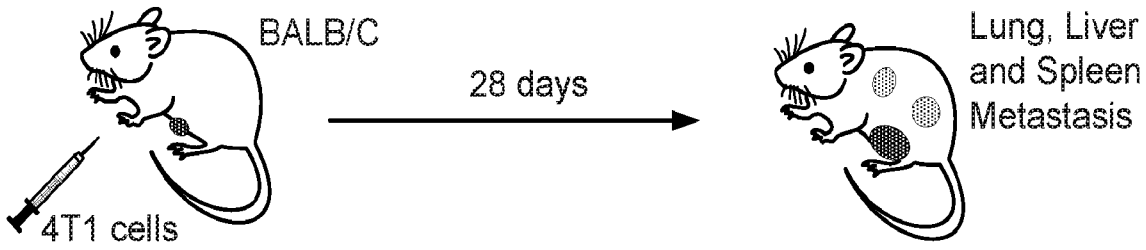


FIG. 3A

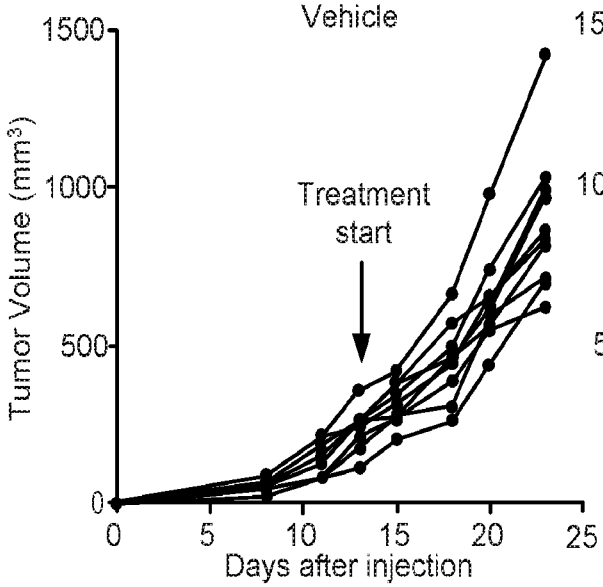


FIG. 3B

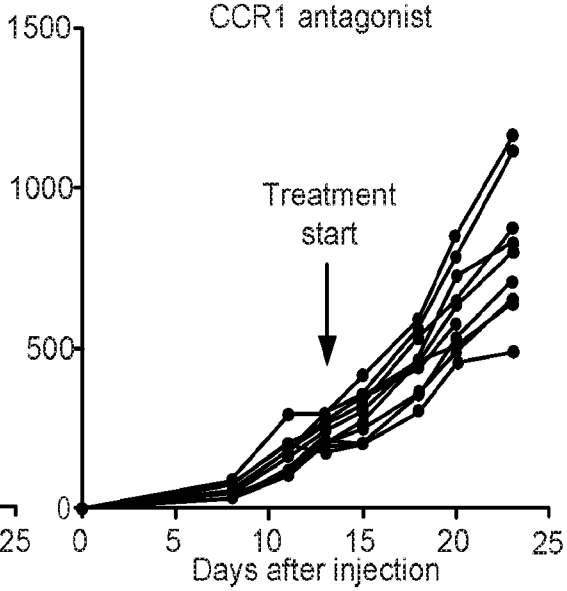


FIG. 3C

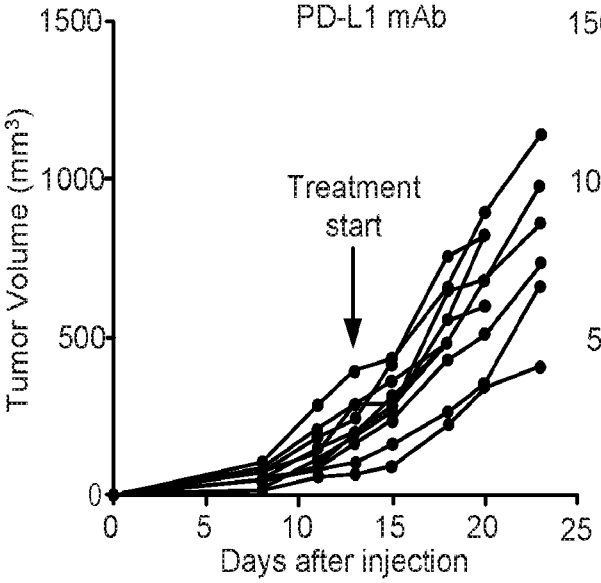


FIG. 3D

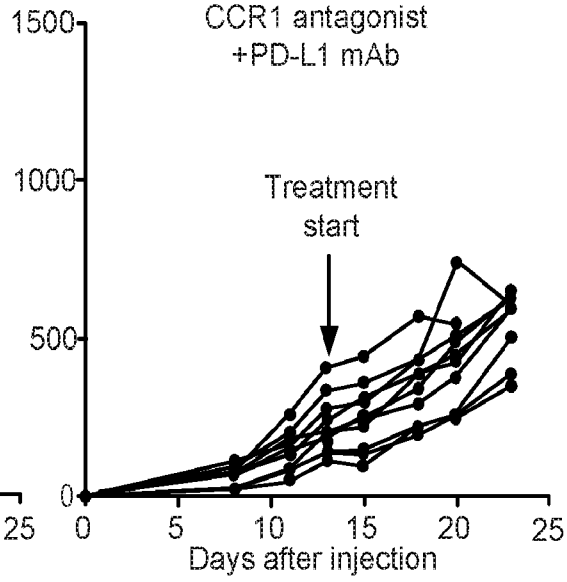


FIG. 3E

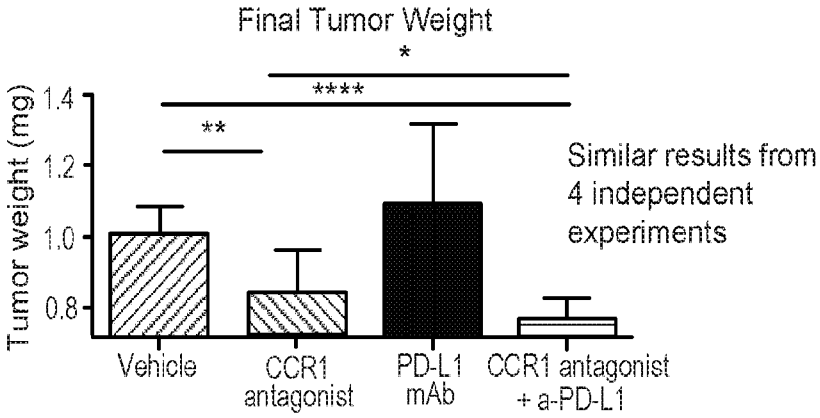


FIG. 4A

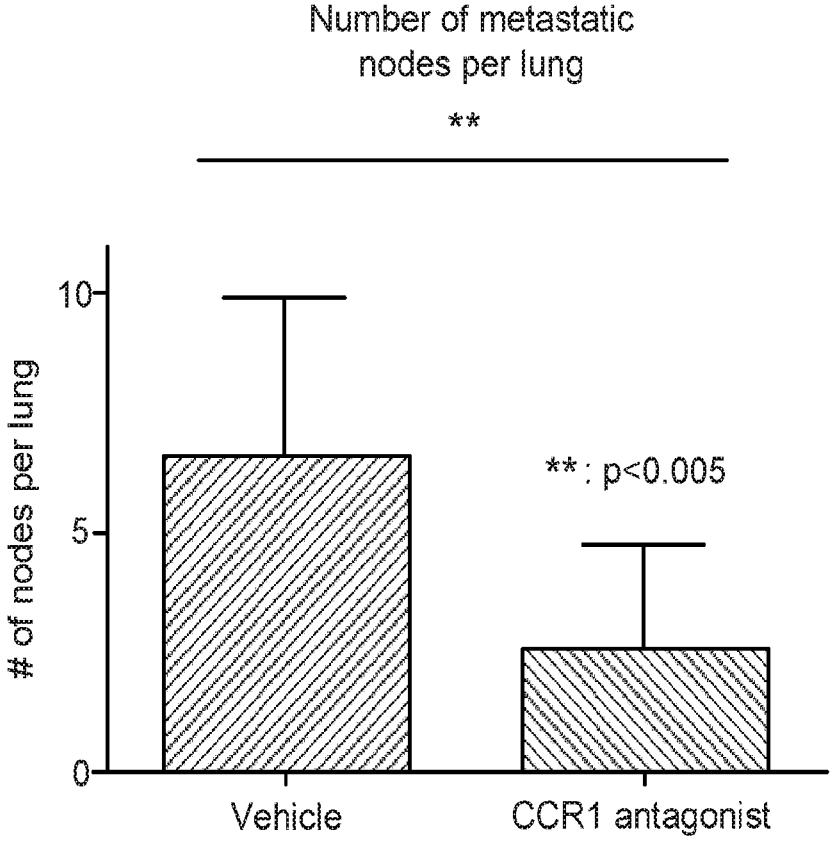

Number of metastatic nodes per lung
**
# of nodes per lung
10
5
0
**: p<0.005
Vehicle
CCR1 antagonist

FIG. 4B

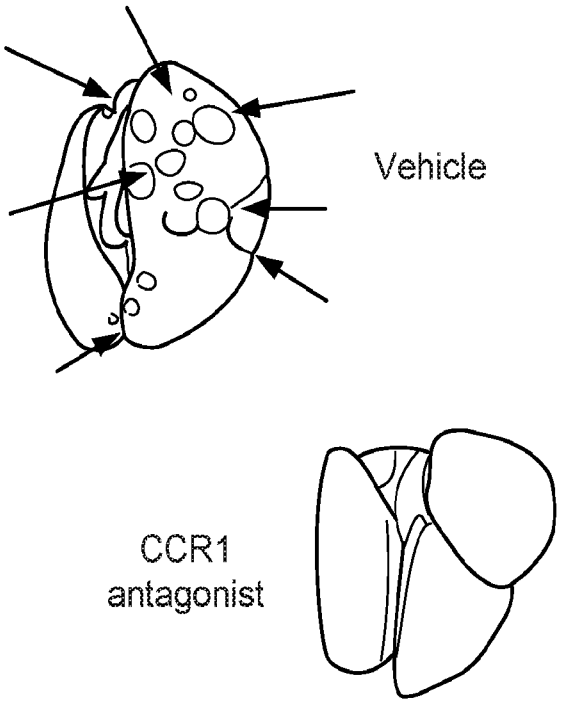

Vehicle
CCR1 antagonist

FIG. 5A

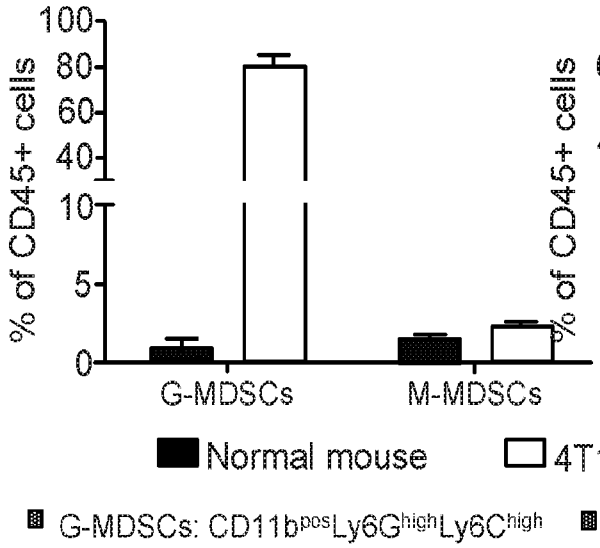


FIG. 5B

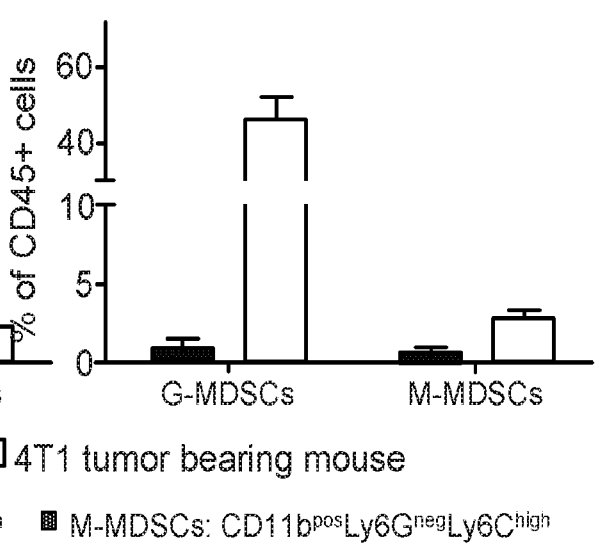
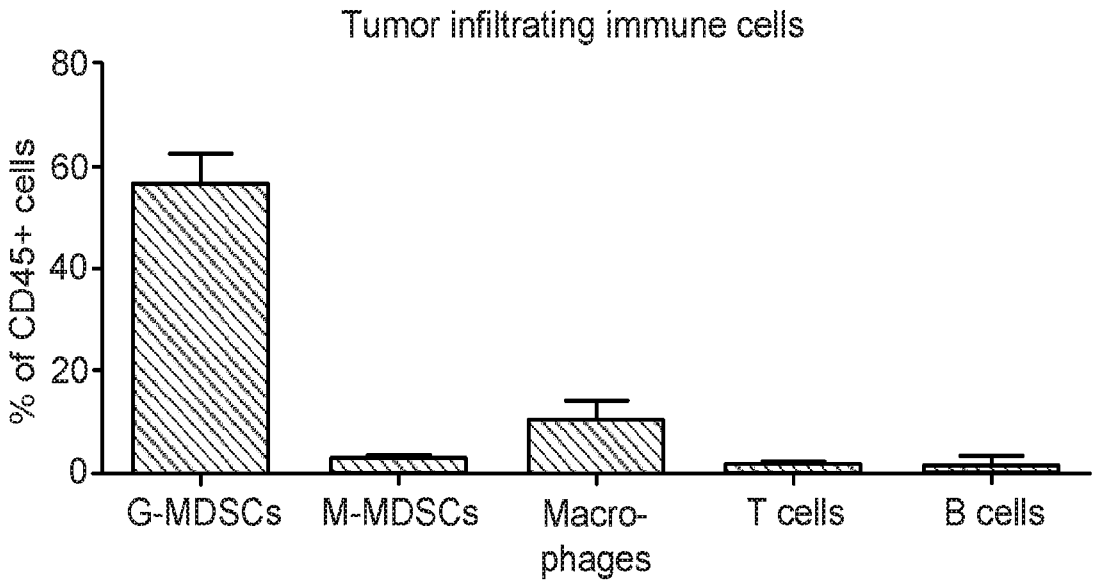


FIG. 5C



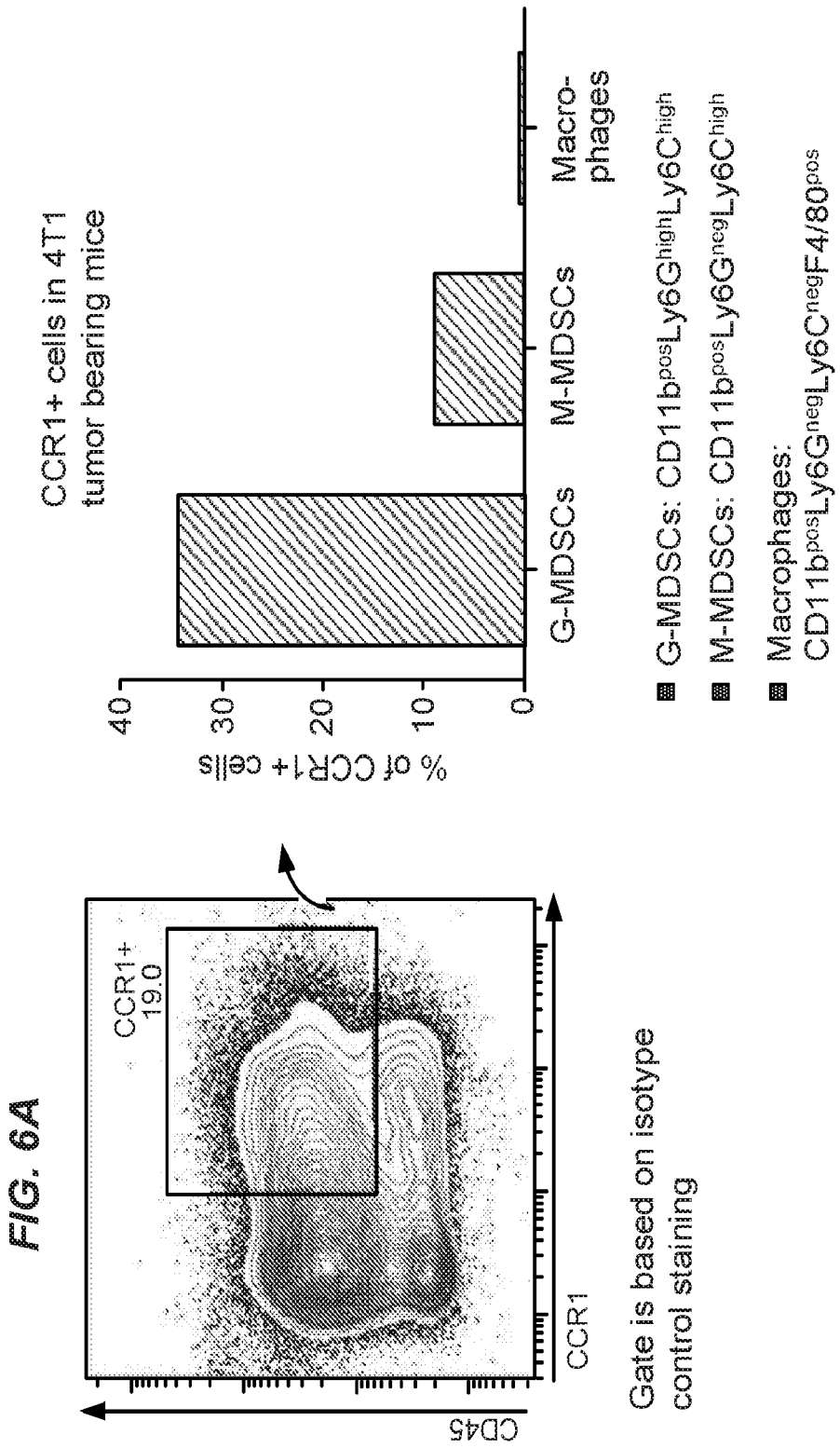

FIG. 6B
CCR1+ cells in 4T1 tumor bearing mice
% of CCR1+ cells
40
30
20
10
0
G-MDSCs
M-MDSCs
Macro-phages
G-MDSCs: CD11b^pos Ly6G^high Ly6C^high
M-MDSCs: CD11b^pos Ly6G^neg Ly6C^high
Macrophages: CD11b^pos Ly6G^neg Ly6C^neg F4/80^pos
FIG. 6A
CCR1+ 19.0
CD45
CCR1
Gate is based on isotype control staining

FIG. 7A

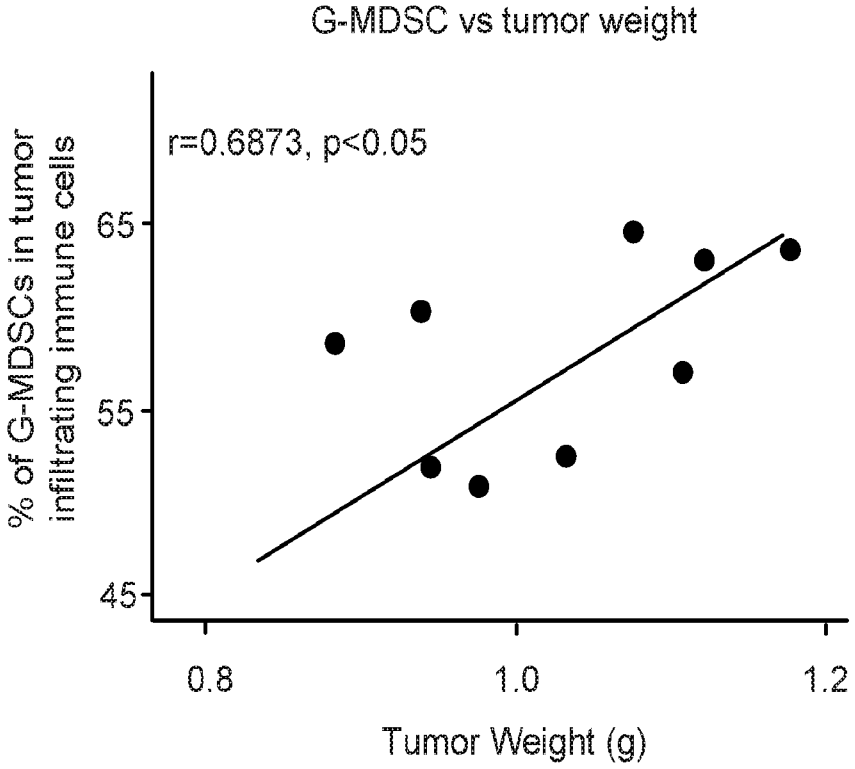

G-MDSC vs tumor weight
r=0.6873, p<0.05
% of G-MDSCs in tumor infiltrating immune cells
65
55
45
0.8
1.0
1.2
Tumor Weight (g)

FIG. 7B

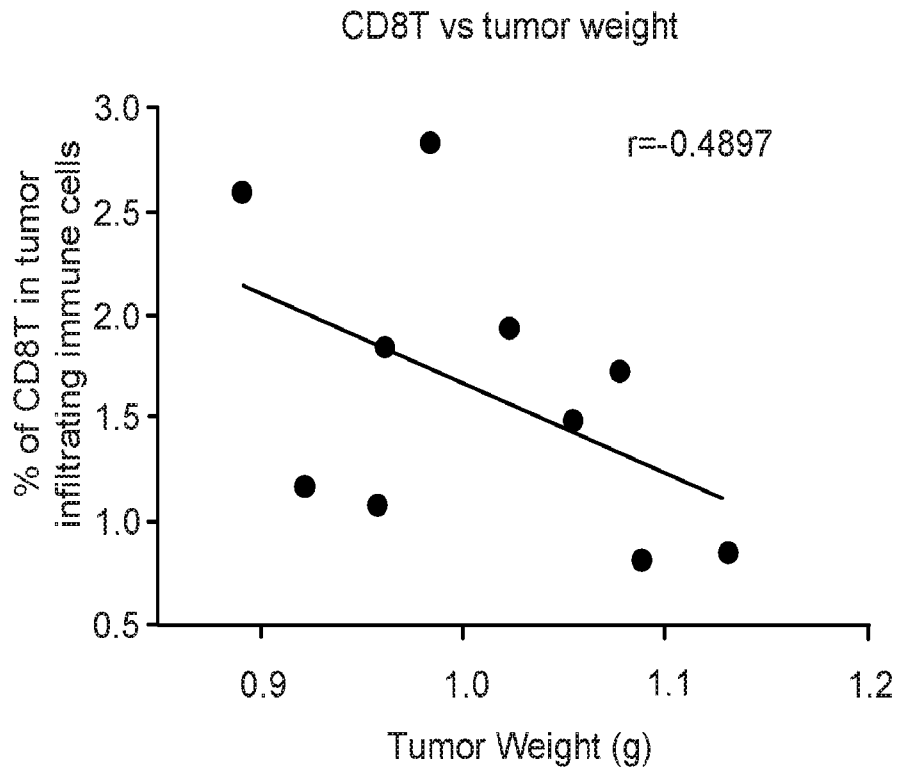
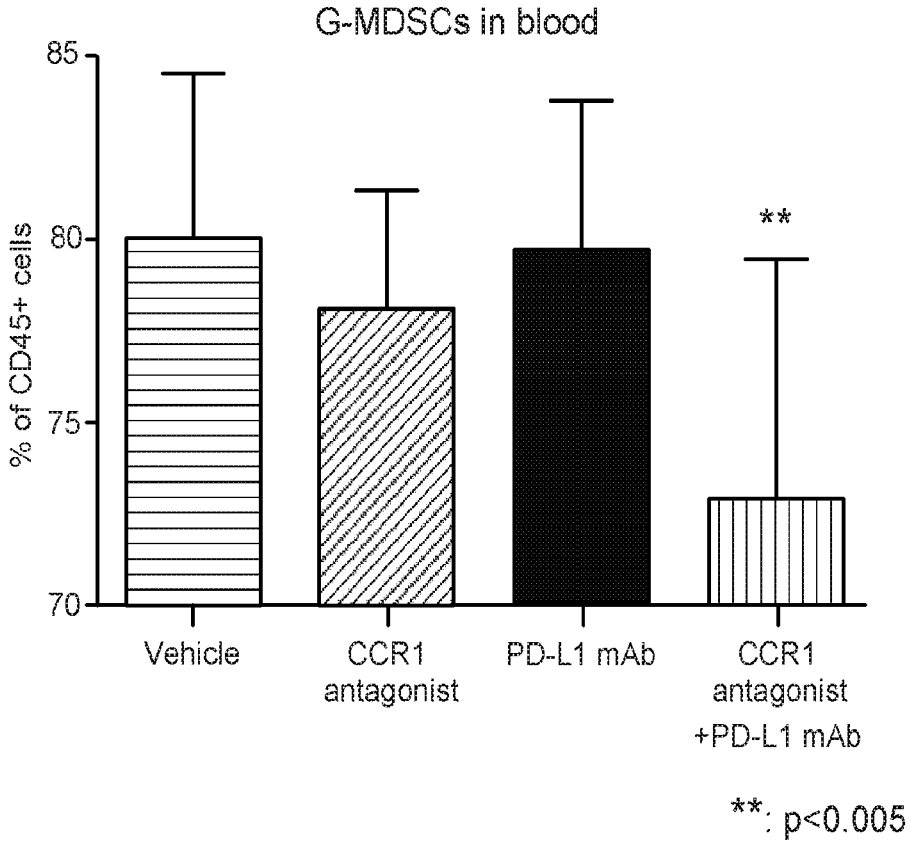

CD8T vs tumor weight
r=-0.4897
% of CD8T in tumor infiltrating immune cells
3.0
2.5
2.0
1.5
1.0
0.5
0.9
1.0
1.1
1.2
Tumor Weight (g)

FIG. 8A



**: p<0.005

FIG. 8B

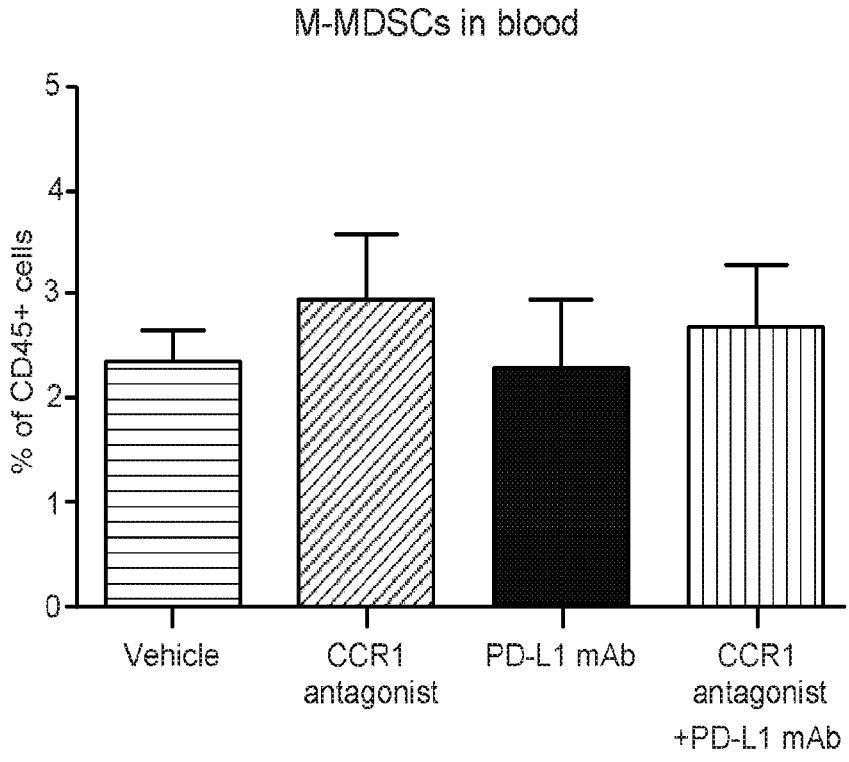


FIG. 9A

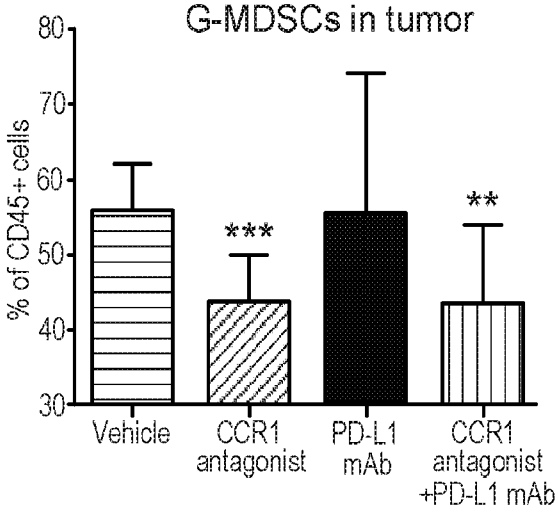
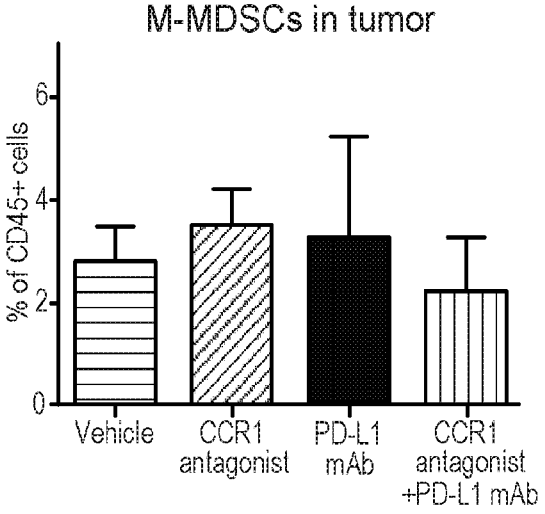


FIG. 9B



**: p<0.005, ***: p<0.0005

FIG. 9C

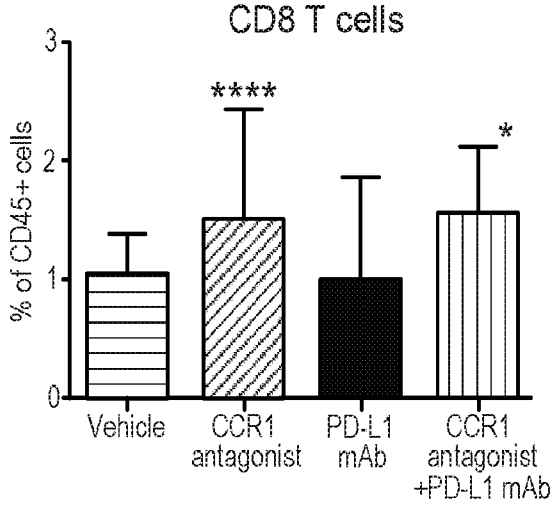
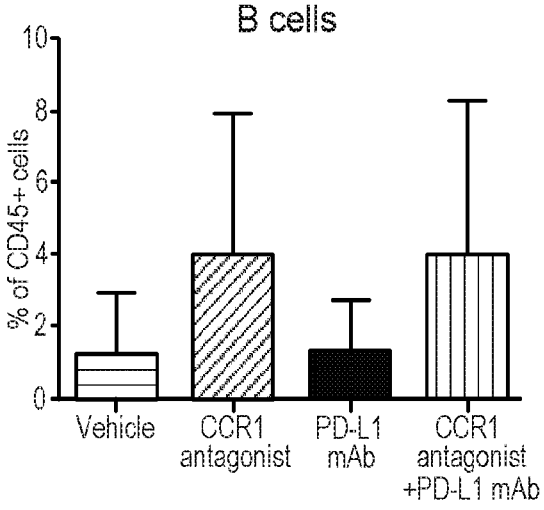
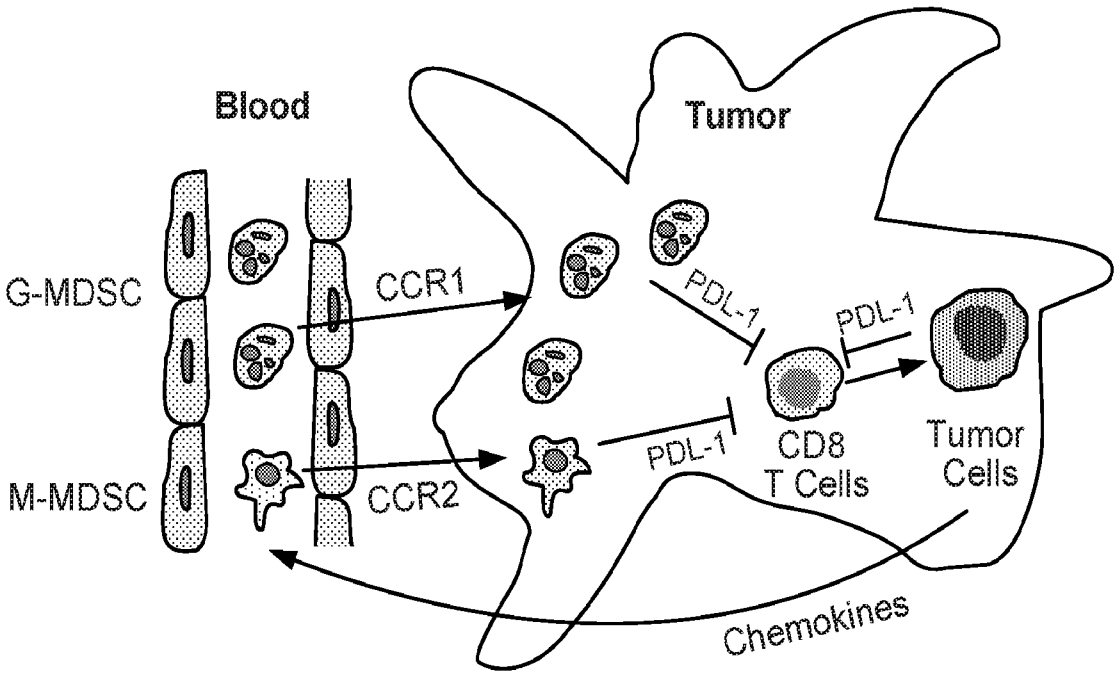


FIG. 9D



*: p<0.05, ****: p<0.0001

FIG. 10


Blood
Tumor
G-MDSC
M-MDSC
CCR1
CCR2
PDL-1
PDL-1
PDL-1
CD8
T Cells
Tumor
Cells
Chemokines