

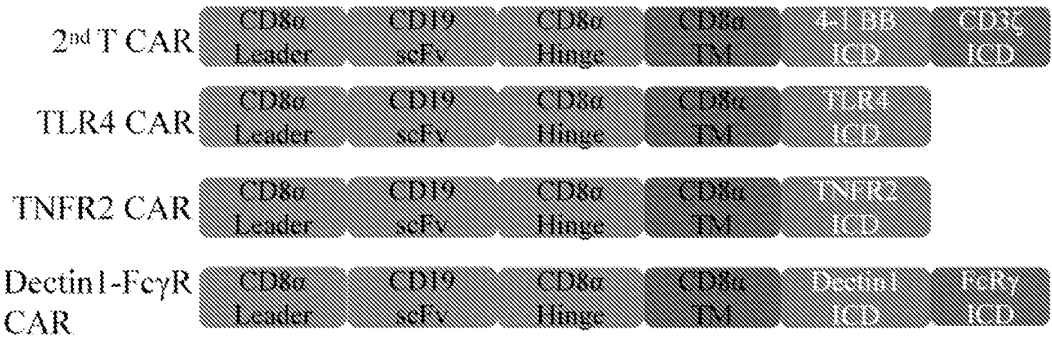


FIG. 1A

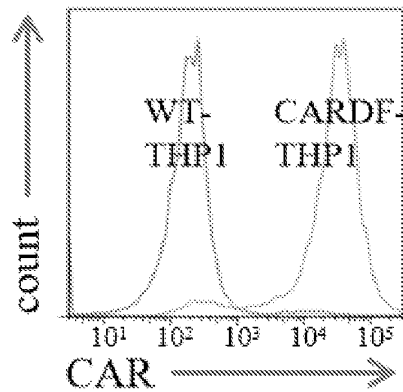


FIG. 1B

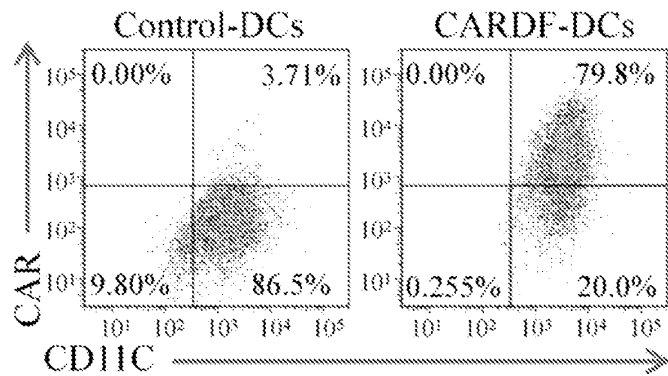


FIG. 1C

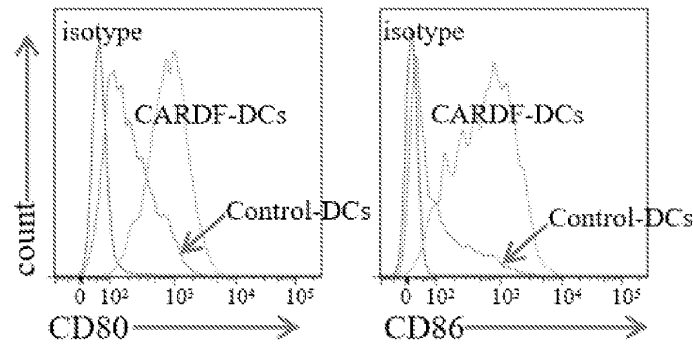


FIG. 1D

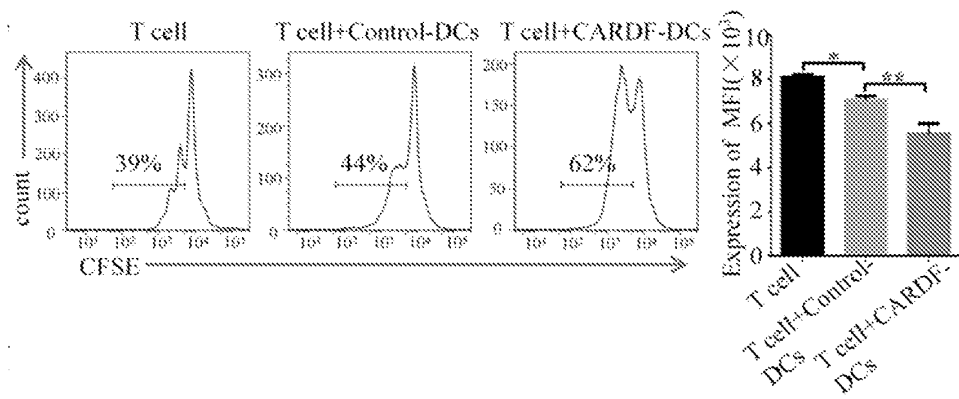


FIG. 1E

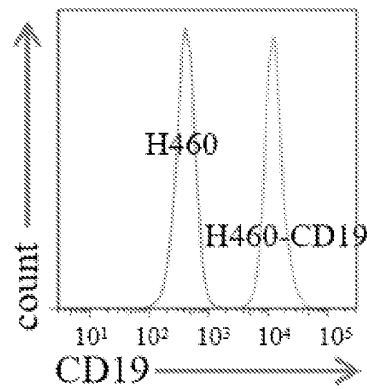


FIG. 1F

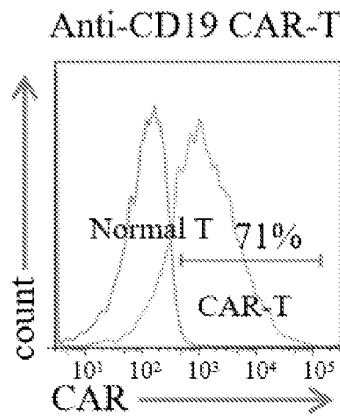


FIG. 1G

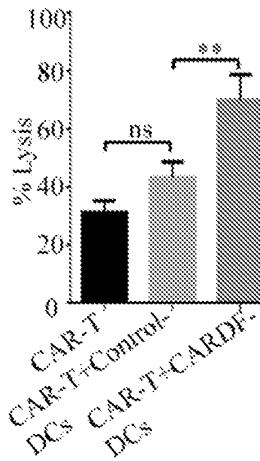


FIG. 1H

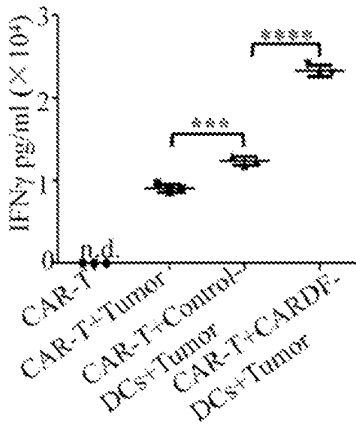


FIG. 1I

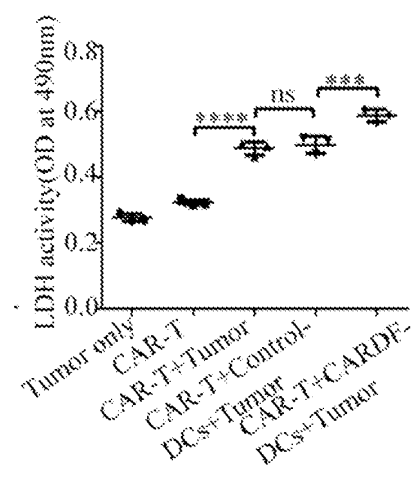


FIG. 1J

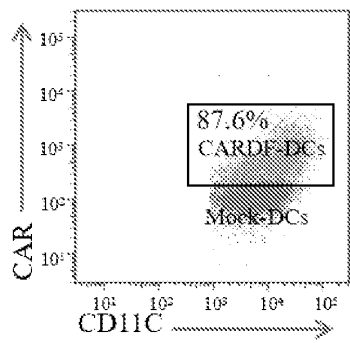


FIG. 2A

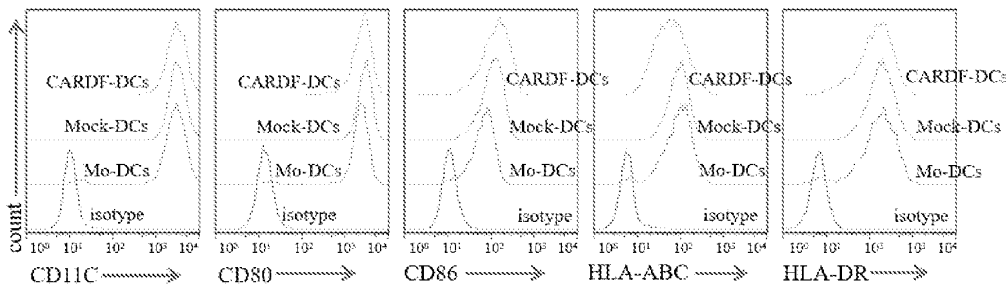


FIG. 2B

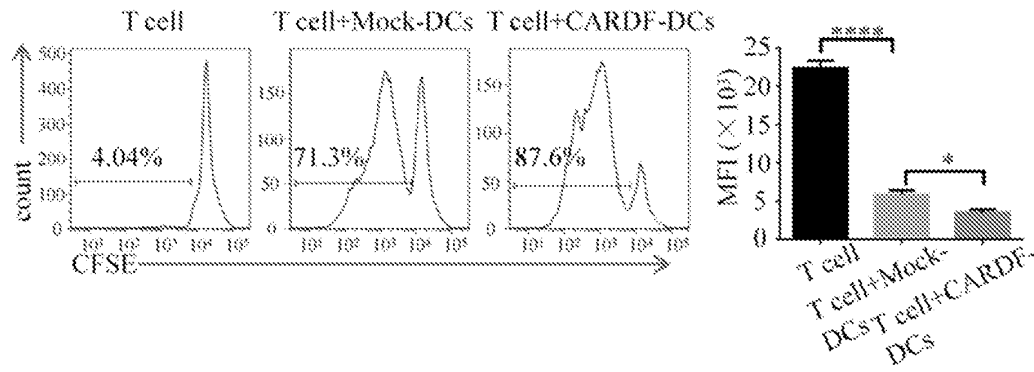


FIG. 2C

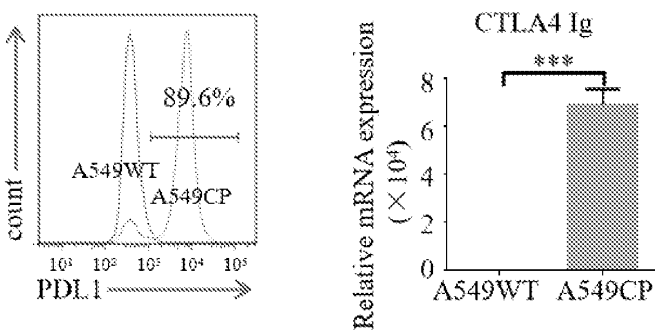


FIG. 2D

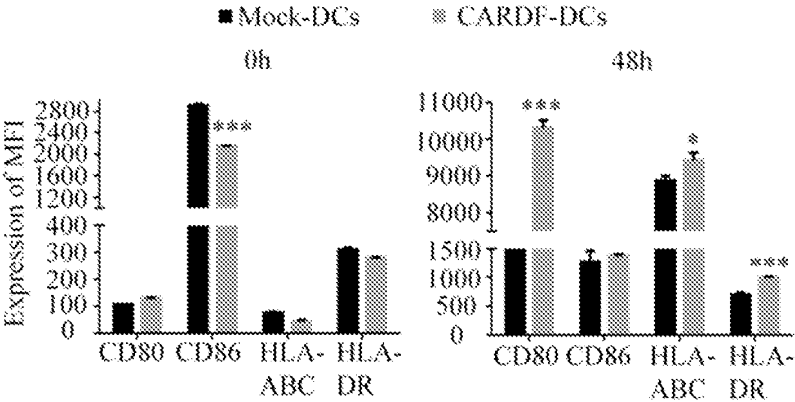


FIG. 2E

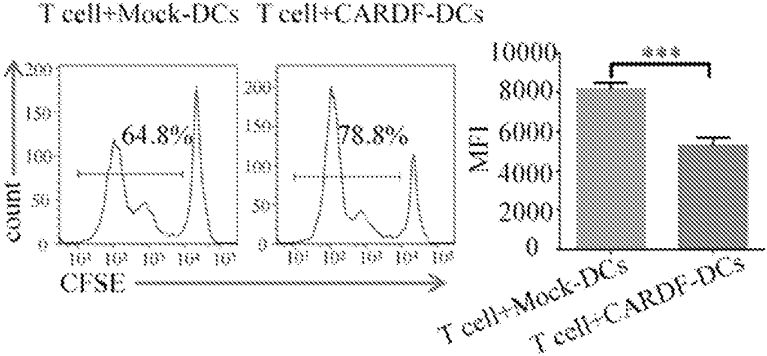


FIG. 2F

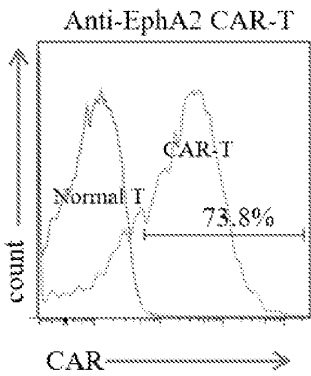


FIG. 3A

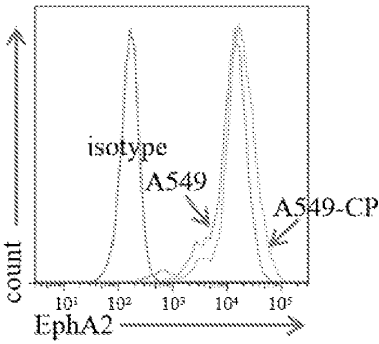


FIG. 3B

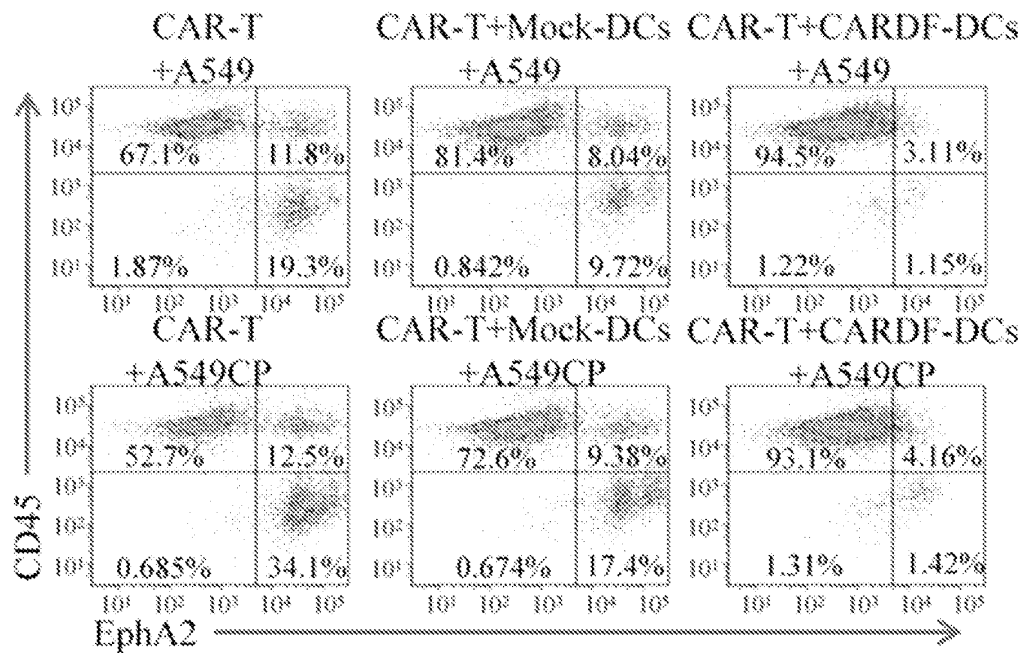


FIG. 3C

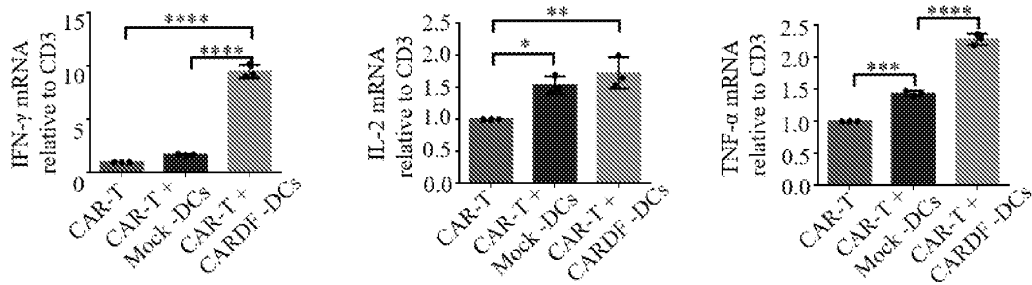


FIG. 3D

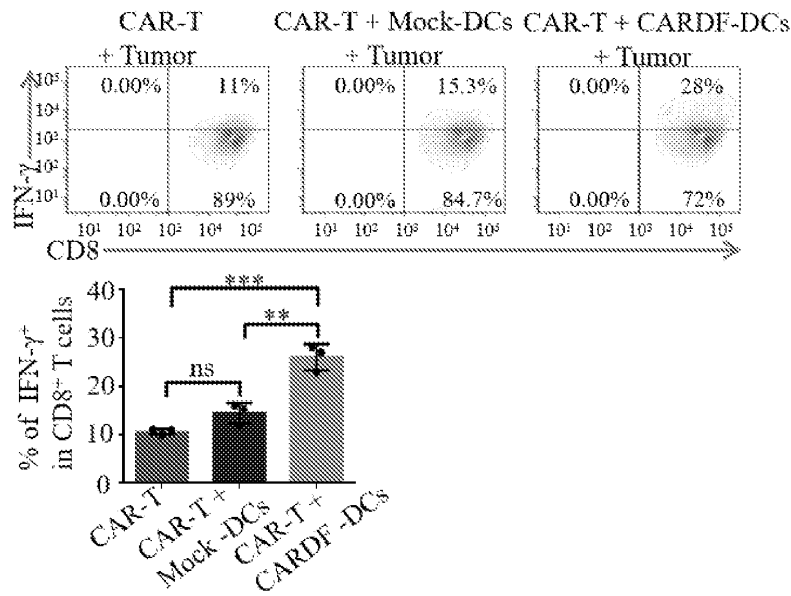


FIG. 3E

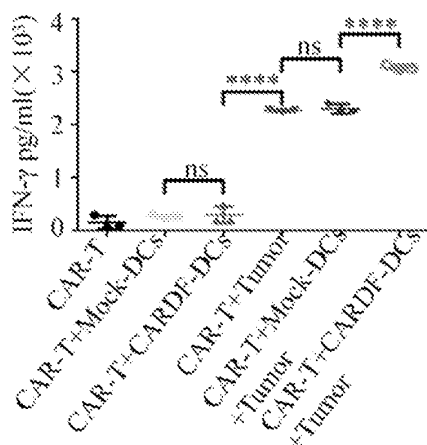


FIG. 3F

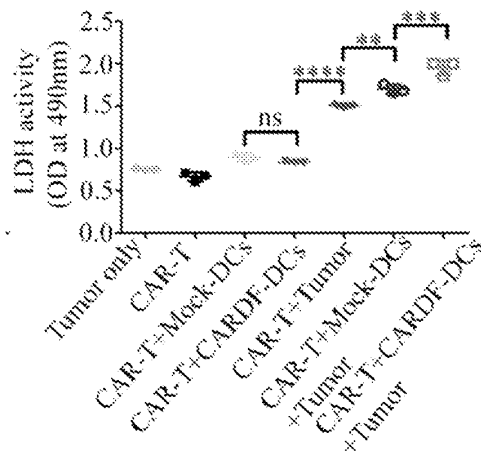


FIG. 3G

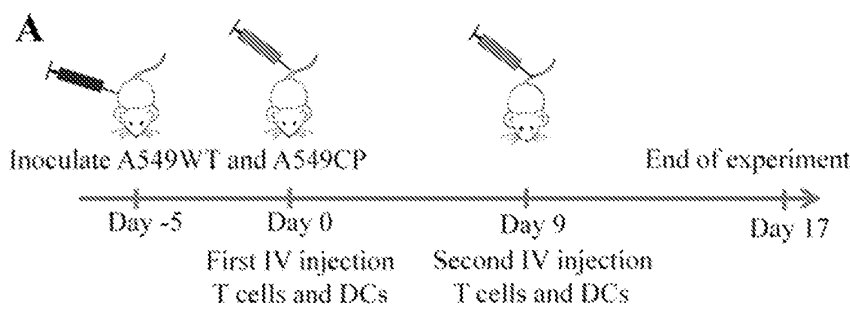


FIG. 4A

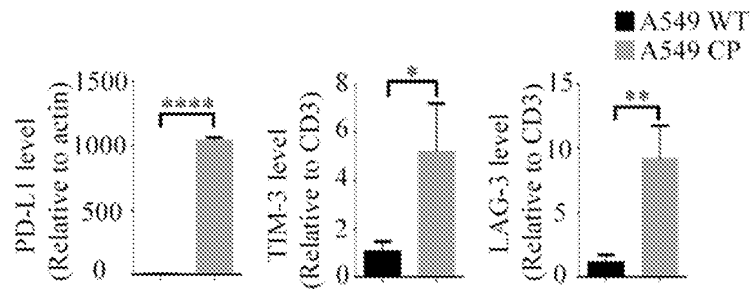


FIG. 4B

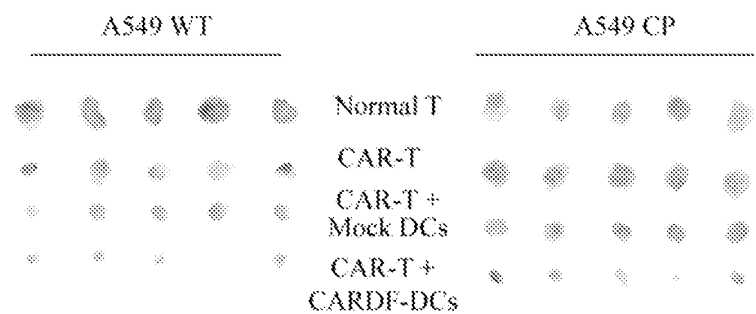


FIG. 4C

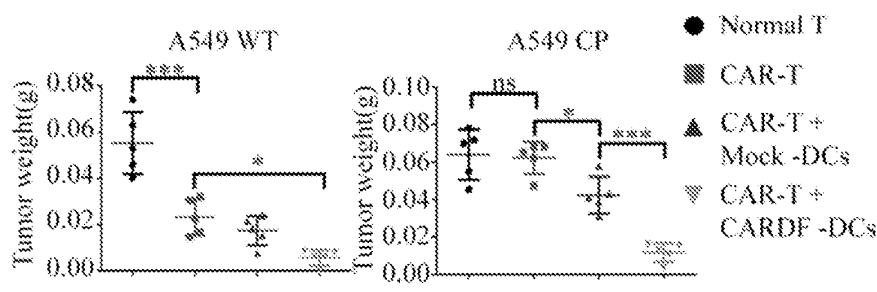


FIG. 4D

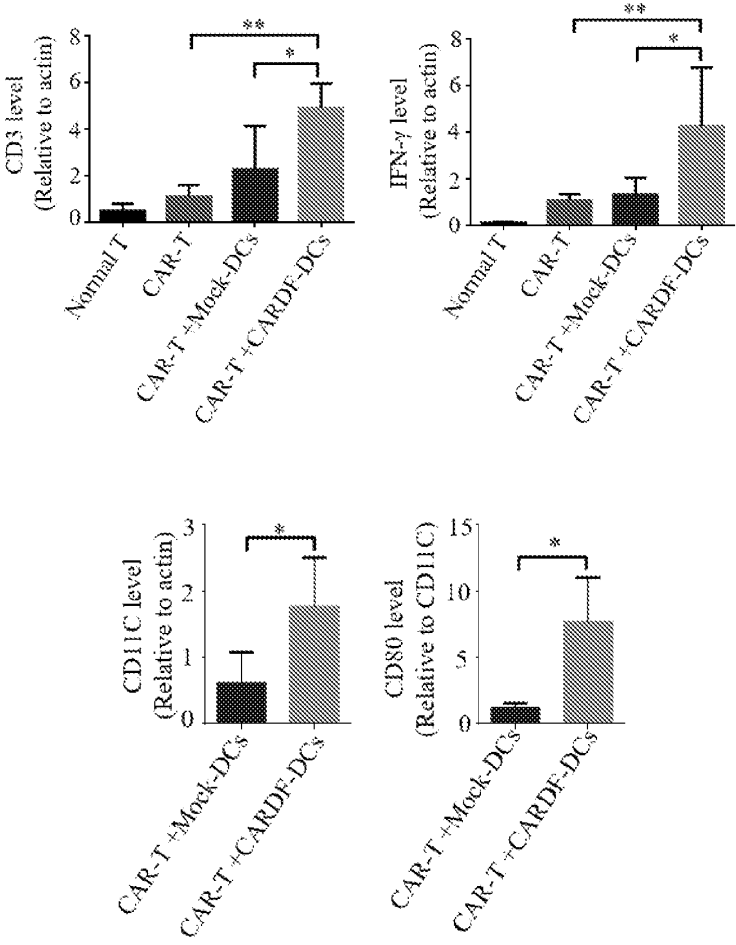


FIG. 4E

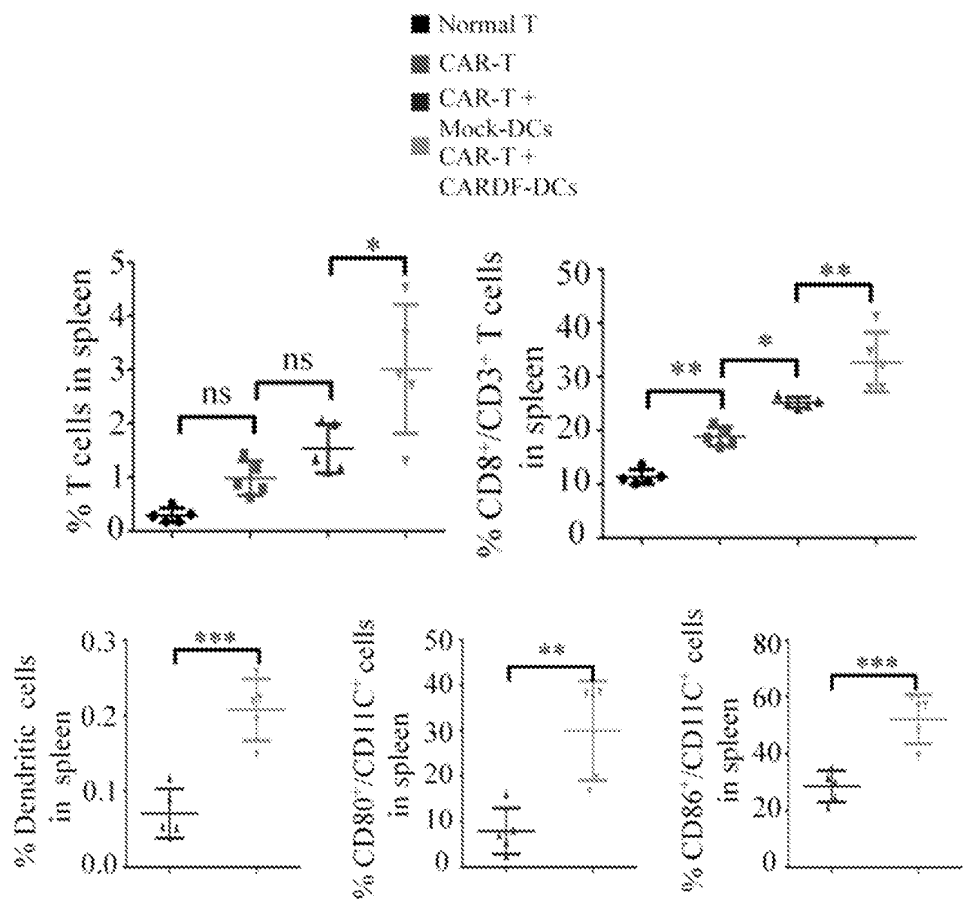


FIG. 4F

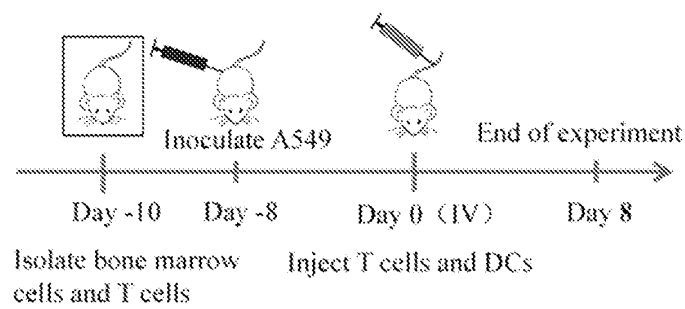


FIG. 5A

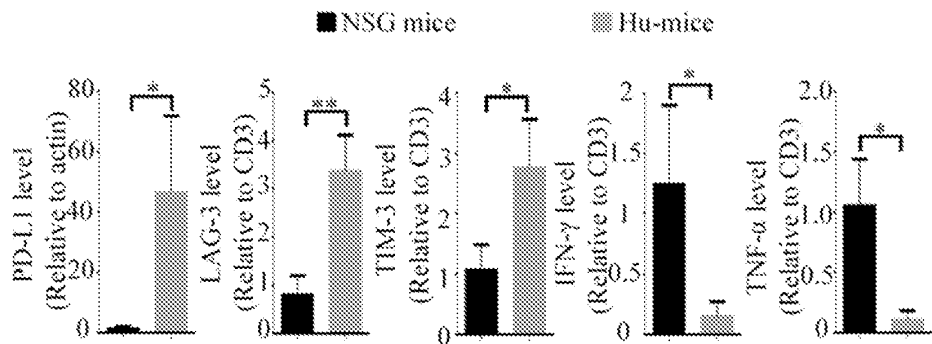


FIG. 5B

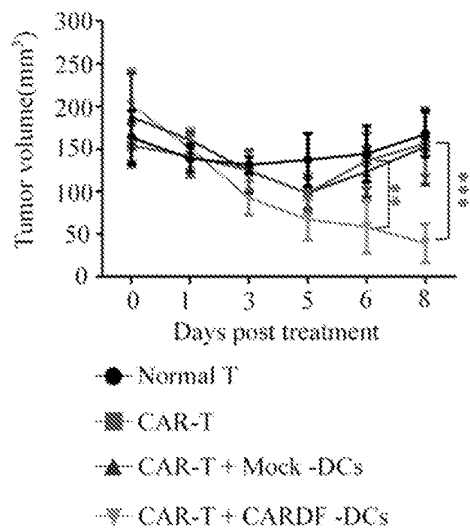


FIG. 5C

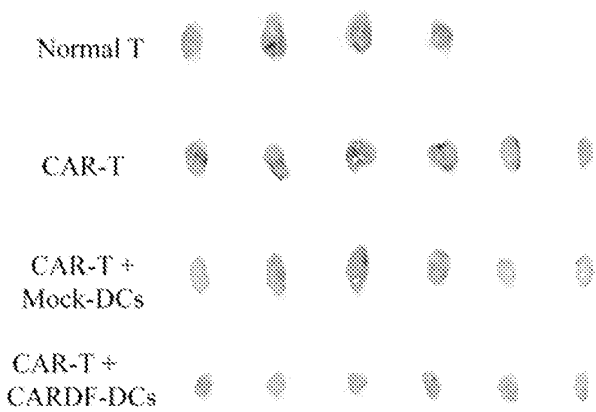
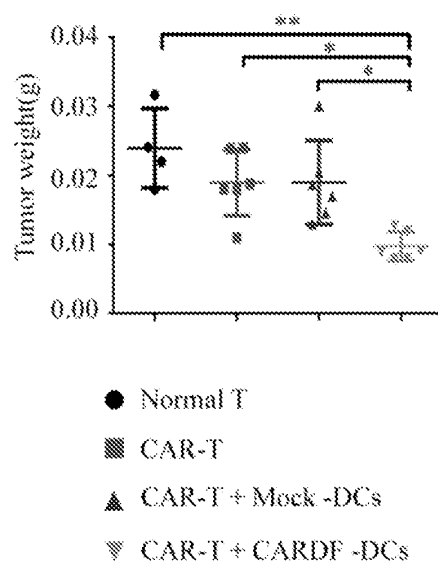


FIG. 5D

**FIG. 5E**

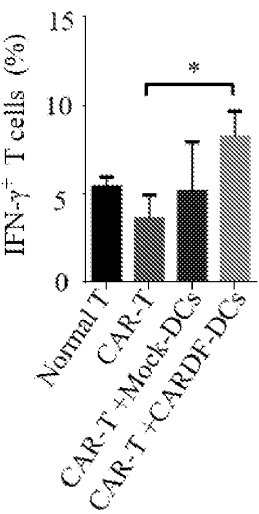


FIG. 6A

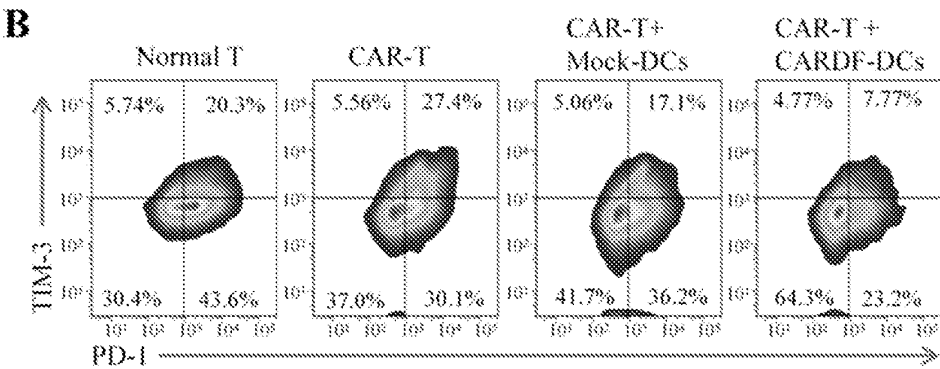


FIG. 6B

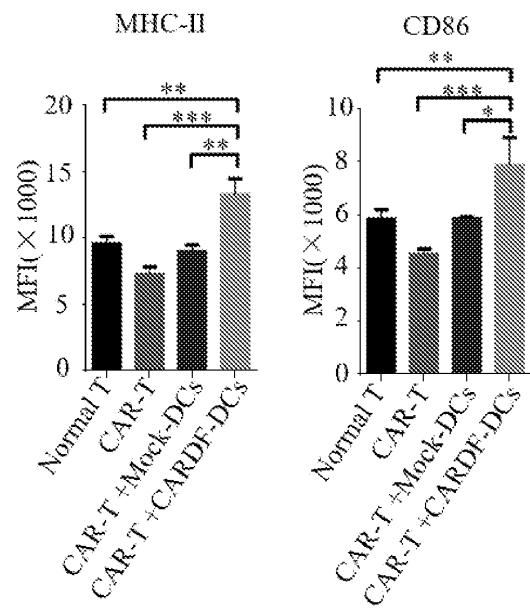


FIG. 6C

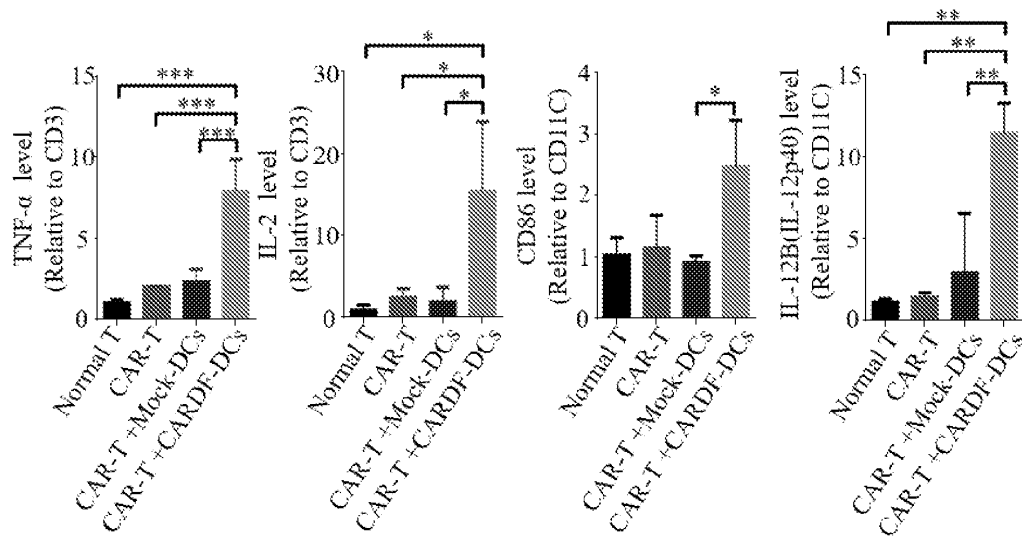


FIG. 6D

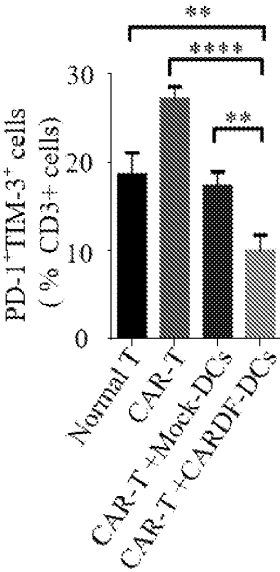


FIG. 6E

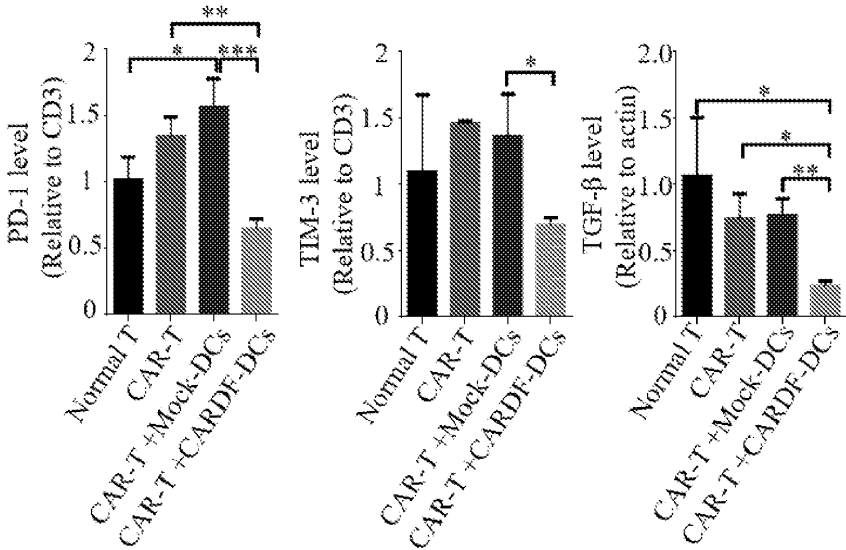


FIG. 6F

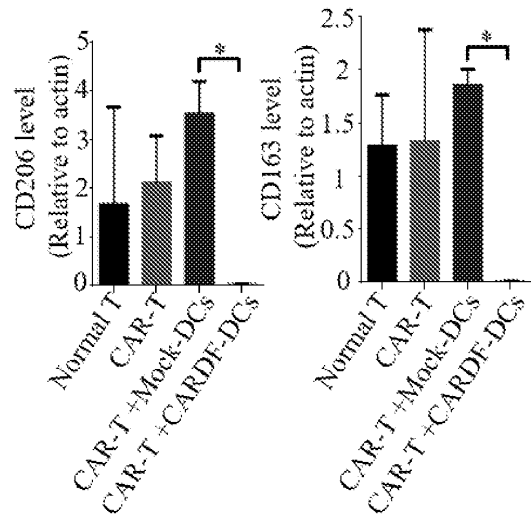


FIG. 6G

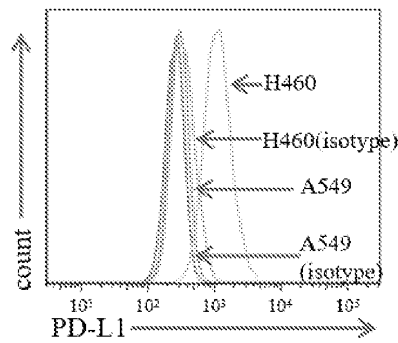


FIG. 7A

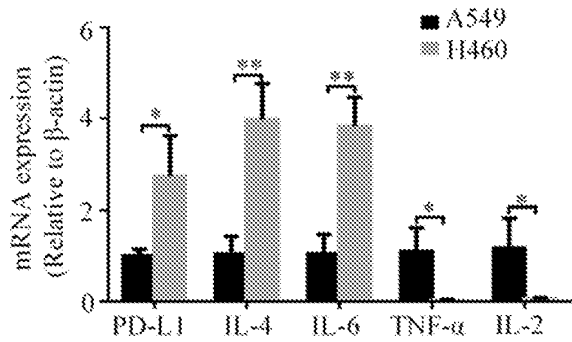


FIG. 7B

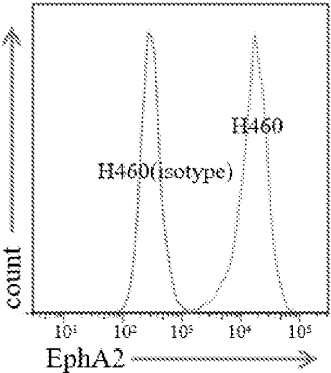


FIG. 7C

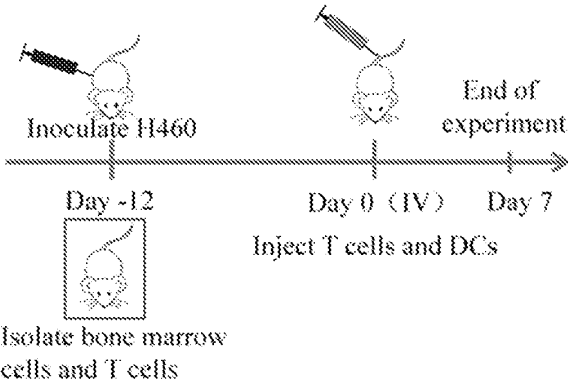


FIG. 7D

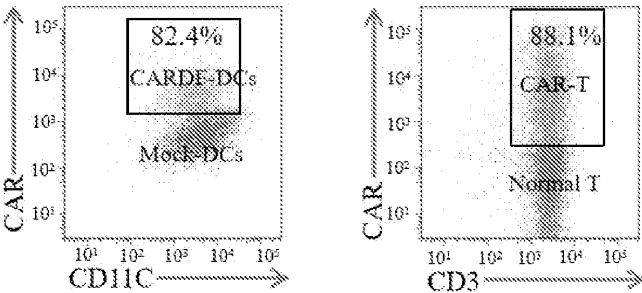


FIG. 7E

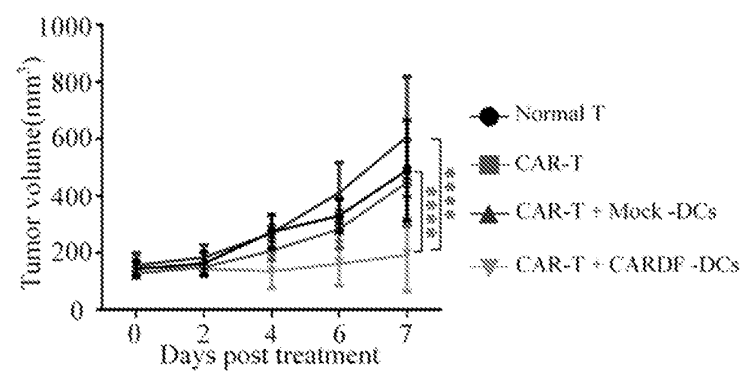


FIG. 7F

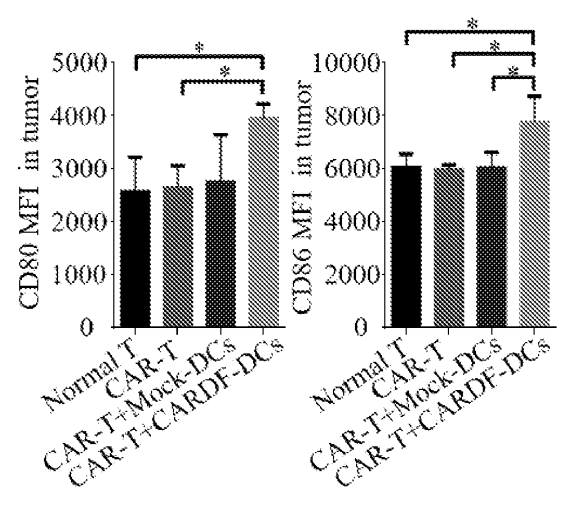


FIG. 7G

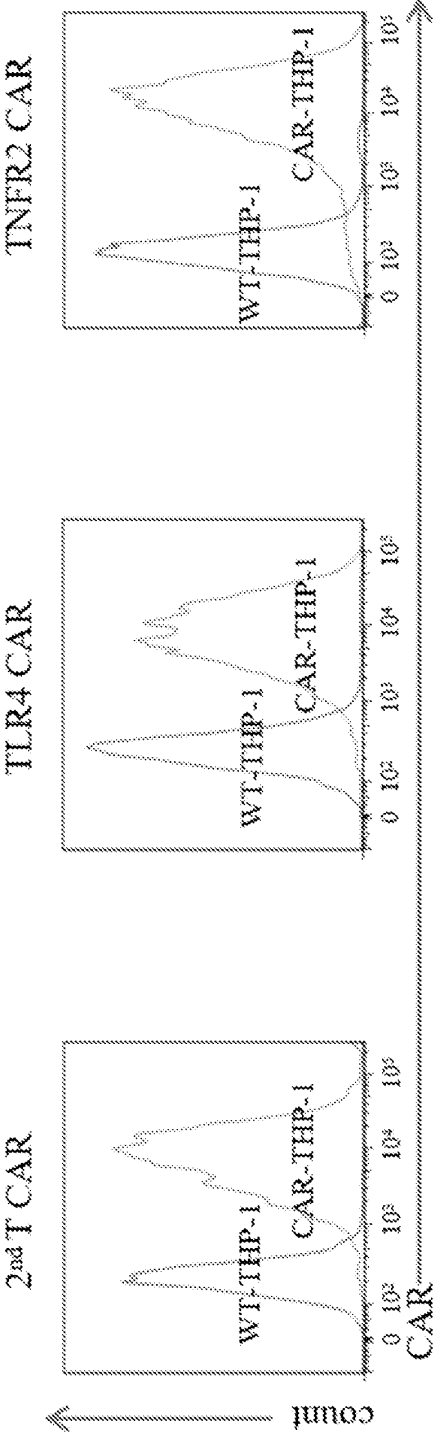


FIG. 8A

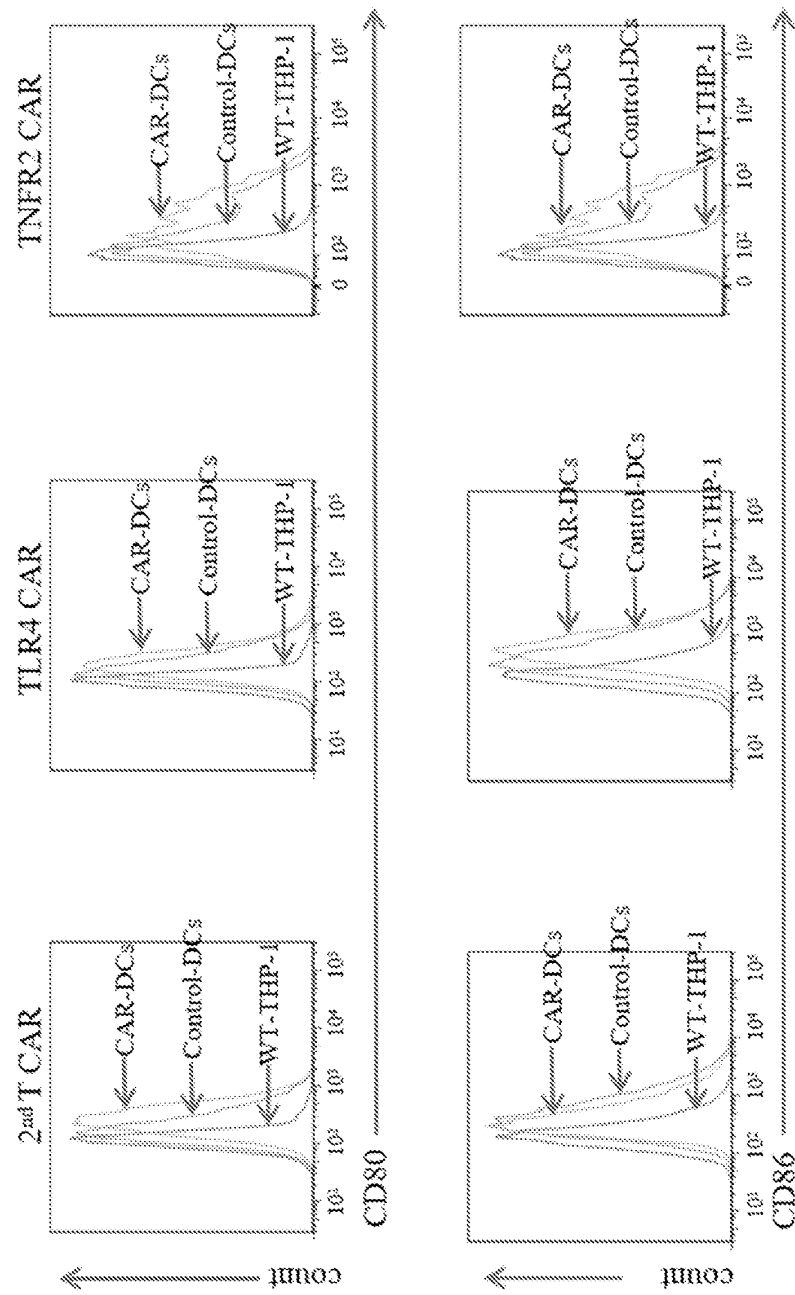


FIG. 8B



FIG. 9A



FIG. 9B

REAGENT or RESOURCE	SOURCE	IDENTIFIER
Antibodies		
APC Mouse anti human CD45	BD PharMingen	Cat# 555485; RRID:AB_398600
FITC Mouse anti human CD80	BD PharMingen	Cat# 555683; RRID:AB_396035
APC Mouse anti human HLA-ABC	BD PharMingen	Cat# 555555; RRID:AB_398603
PE-Cy TM 7 Mouse Anti-Human CD3	BD PharMingen	Cat# 560910; RRID:AB_10563409
BV421 Mouse anti human TIM-3	BD Horizon	Cat# 565562; RRID:AB_2744369
APC Mouse anti human CD45	BD PharMingen	Cat# 555485; RRID:AB_398600
PE Mouse anti human CD11C	BD PharMingen	Cat# 555392; RRID:AB_395793
FITC Mouse anti human PD-L1	BD PharMingen	Cat# 558065; RRID:AB_647176
BV605 Mouse anti human CD86	BD Horizon	Cat# 562999; RRID:AB_2737941
PE-Cy7 Mouse anti human CD83	BD PharMingen	Cat# 561132; RRID:AB_10562565
PerCP-Cy5.5 Mouse anti human HLA-DR	BD PharMingen	Cat# 560652; RRID:AB_1727529
V450 Mouse anti human CD3	BD Horizon	Cat# 561812; RRID:AB_10896289
BV650 Mouse anti human IFN- γ	BD Horizon	Cat# 563416; RRID:AB_2738193
BV421 Mouse anti human IFN- γ	BD Horizon	Cat# 562988; RRID:AB_2737934
PE anti human EphA2	BioLegend	Cat# 356804; RRID:AB_2561807
PE Mouse anti human PD-1	BD PharMingen	Cat# 560795; RRID:AB_2033989
PE Mouse anti human CD8	BD PharMingen	Cat# 555367; RRID:AB_395770
PerCP-Cy5.5 Mouse anti human CD19	BD PharMingen	Cat# 561295; RRID:AB_10644017
PE-Cy TM 5 Streptavidin	BD PharMingen	Cat# 554062; RRID:AB_10053563
APC-streptavidin	BD PharMingen	Cat# 554067; RRID:AB_10050396
NA/LE Mouse anti human CD3	BD PharMingen	Cat# 555329; RRID:AB_395736
NA/LE Mouse anti human CD28	BD PharMingen	Cat# 555725; RRID:AB_396068

FIG. 10A

hActin-F	CAGAGCCTCGCCTTTGCCGATC	SEQ ID NO: 19
hActin-R	CATCCATGGTGAGCTGGCGGCG	SEQ ID NO: 20
hCD3-F	GGGGCAAGATGGTAATGAAG	SEQ ID NO: 21
hCD3-R	CCAGGATACTGAGGGCATGT	SEQ ID NO: 22
hIL-2-F	GCACTTCCTCCAGAGGTTTG	SEQ ID NO: 23
hIL-2-R	TCACCAGGATGCTCACATTT	SEQ ID NO: 24
hTNF α -F	GCTGCACTTTGGAGTGATCG	SEQ ID NO: 25
hTNF α -R	TCACTCGGGGTTTCGAGAAGA	SEQ ID NO: 26
hTGFB-F	CCCAGCATCTGCAAAGCTC	SEQ ID NO: 27
hTGFB-R	GTCAATGTACAGCTGCCGCA	SEQ ID NO: 28
hIFN γ -F	GGCTTTTCAGCTCTGCATCG	SEQ ID NO: 29
hIFN γ -R	CGCTACATCTGAATGACCTGC	SEQ ID NO: 30
hCD11C-F	TCTGAGCAGACCCTGGTACA	SEQ ID NO: 31
hCD11C-R	GCAAGGTAATGGGGGTCACA	SEQ ID NO: 32
hCD80-F	CCAACCACAGCTTCATGTGTC	SEQ ID NO: 33
hCD80-R	AAAGCAGTAGGTCAGGCAGC	SEQ ID NO: 34
hCD86-F	ACGACGTTTCCATCAGCTTGT	SEQ ID NO: 35
hCD86-R	TCCAAGGAATGTGGTCTGGG	SEQ ID NO: 36
hCTLA4-Ig-F	TACCCACCGCCATACTACCT	SEQ ID NO: 37
hCTLA4-Ig-R	CTCAGGGTCTTCGTGGCTCA	SEQ ID NO: 38
hPD1-F	CCATTCCGCTAGGAAAGACAA	SEQ ID NO: 39
hPD1-R	CCTGTGTTCTCTGTGGACTATG	SEQ ID NO: 40
hTIM3-F	CTCTAGCAGACAGTGGGATCTA	SEQ ID NO: 41
hTIM3-R	GACCTTGGCTGGTTTGATGA	SEQ ID NO: 42
hCD206-F	TGACGAATTGTGGATCGGCT	SEQ ID NO: 43
hCD206-R	CTGGACCTTGGCTTCGTGAT	SEQ ID NO: 44
hCD163-F	GTAGTCTGCTCAAGATACACAGA	SEQ ID NO: 45
hCD163-R	ACAATCTCCCATGTGCTGCT	SEQ ID NO: 46
hIL12B-F	TGCCGTTTACAAGCTCAAGT	SEQ ID NO: 47
hIL12B-R	ACTCCAGGTGTCAGGGTACT	SEQ ID NO: 48
hLAG-3-F	TTGCTCCAGCTCCTCTATCT	SEQ ID NO: 49
hLAG-3-R	GCCTTTGGCTTTCACCTTG	SEQ ID NO: 50
hPD-L1-F	GTGGTGCCGACTACAAGCGA	SEQ ID NO: 51
hPD-L1-R	TTTGGAGGATGTGCCAGAGGT	SEQ ID NO: 52
hIL-6-F	ACTCACCTCTTCAGAACGAATTG	SEQ ID NO: 53
hIL-6-R	CCATCTTTGGAAGGTTTCAGGTTG	SEQ ID NO: 54
hIL-4-F	CCAAGTCTTCCCCCTCTG	SEQ ID NO: 55
hIL-4-R	TCTGTTACGGTCAACTCGGTG	SEQ ID NO: 56

FIG. 10B

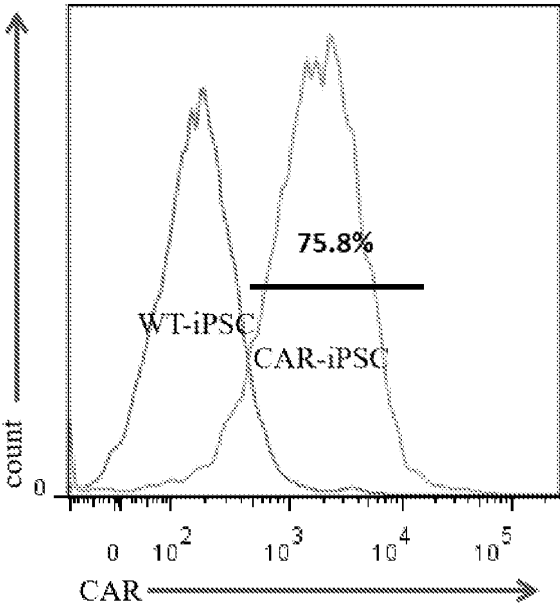


FIG. 11A

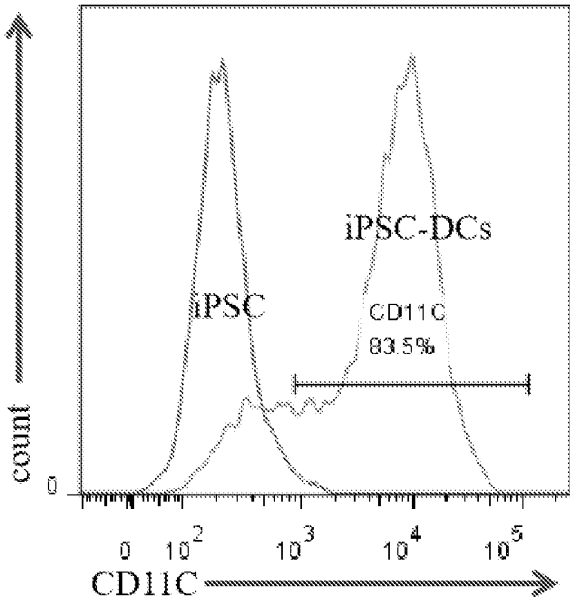


FIG. 11B