

Supplementary Table 1: Primer sequence of RT-qPCR

Gene Name	Primer Sequence (5'-3')
miR-135b-5p	F:ACACTCCAGCTGGGTATGGCTTTTCATTCCT R:CTCAACTGGTGTCGTGGAGTCGGCAATTCAGTTG AGTCACATAG
miR-16	F:ACACTCCAGCTGGGTAGCAGCACGTAAATA R:CTCAACTGGTGTCGTGGAGTCGGCAATTCAGTTG AGCGCCAATA
U6	F:CTCGCTTCGGCAGCACA R:AACGCTTCACGAATTTGCGT
β -actin	F: CATGTACGTTGCTATCCAGGC R: CTCCTTAATGTCACGCACGAT
T-bet	F: GGTGCGGAGACATGCTGA R: GTAGGCGTAGGCTCCAAGG

Supplementary Table 2: miR-135b-5p target genes related to apoptosis and

IFN- γ

Gene Name

ARNT

ESRRA

BCL2L2

HOXA10

TGFBR1

IRS2

HMBOX1

STAT6

SPATA2

NR3C2

KDM5B

SMAD2

RORA

INHBA

SP1

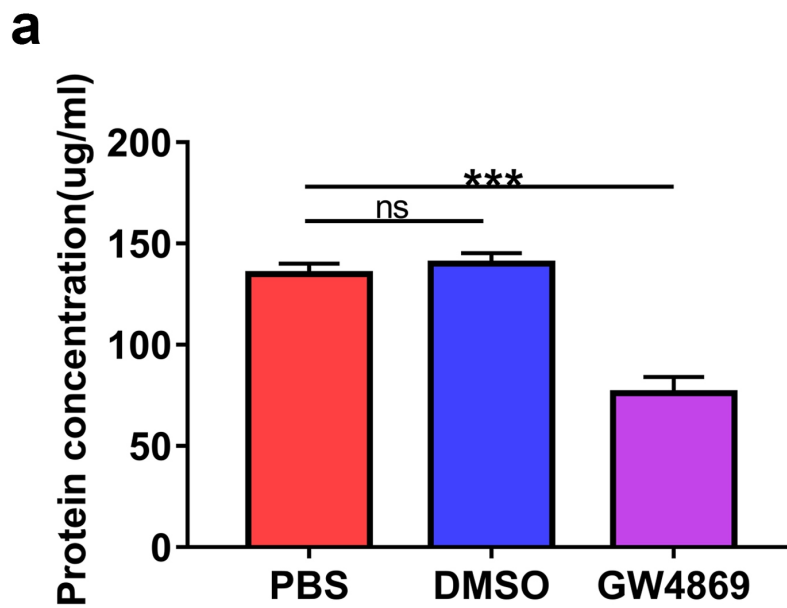
PIK3R2

CASZ1

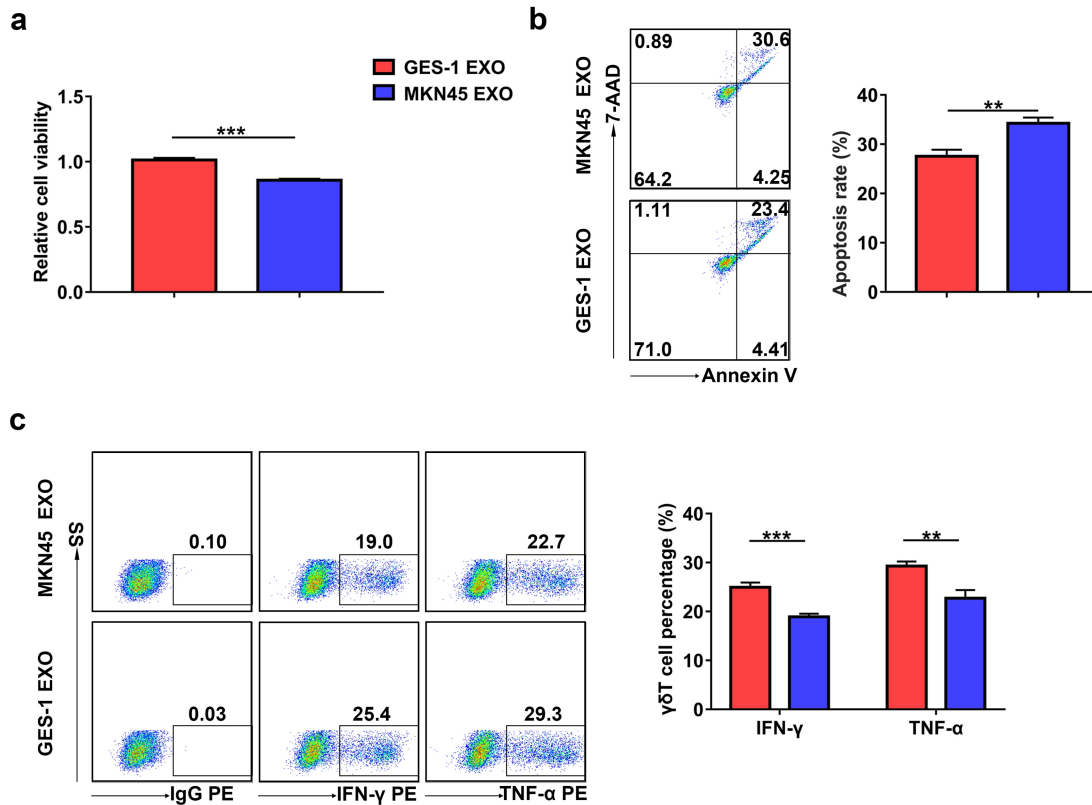
RPS6KB1

Supplementary Figure legends

Supplementary Fig.1. GW4869 inhibited the secretion of exosomes. (a) The concentration of exosomes from CM of MGC803 cells pretreated by PBS, DMSO or GW4869 was measured by BCA. Values are expressed as means \pm SD. Data are representative of results from 3 independent experiments. *** $p < 0.001$.

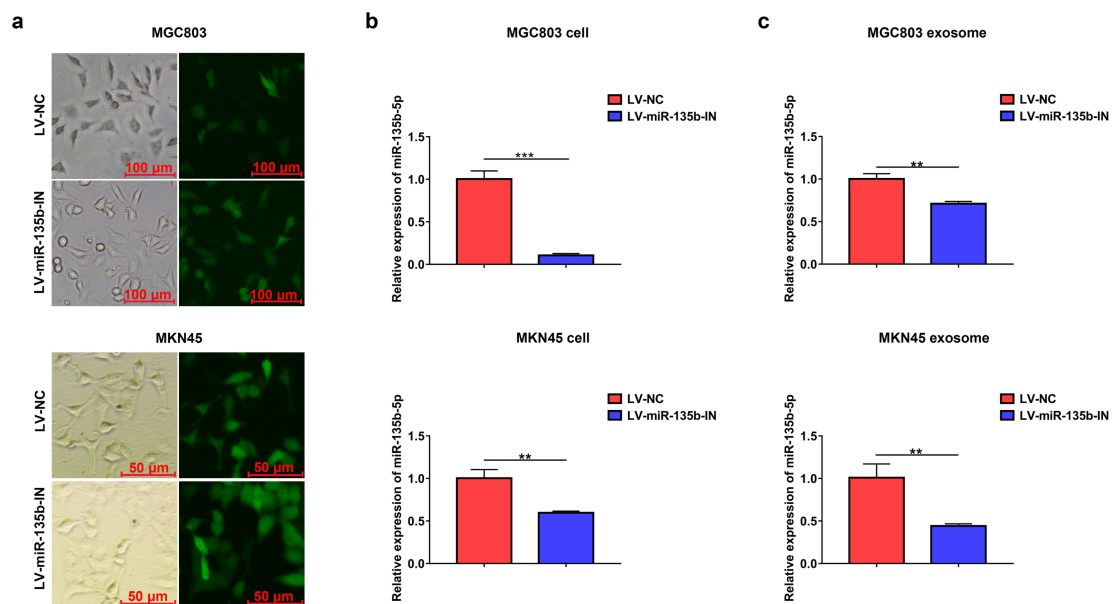


Supplementary Fig.2. GC cell-derived exosomes regulated the function of V γ 9V δ 2 T cells. (a) The cell viability of V γ 9V δ 2 T cells treated with exosomes from GES-1 (GES-1 EXO) or MKN45 (MKN45 EXO) cells was analyzed by CCK-8 assay. **(b, c)** The apoptosis rate **(b)** and the IFN- γ and TNF- α production **(c)** of V γ 9V δ 2 T cells treated with exosomes from GES-1 (GES-1 EXO) or MKN45 (MKN45 EXO) cells were detected by flow cytometry. Values are expressed as means \pm SD. Data are representative of results from 3 independent experiments. **p < 0.01, ***p < 0.001.

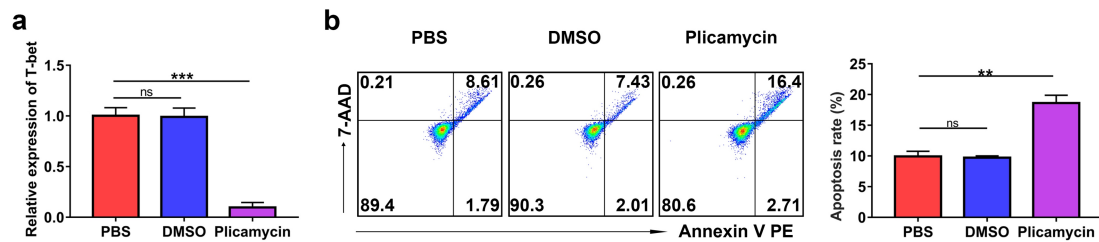


Supplementary Fig.3. Establishment of stable miR-135b-5p knockdown GC cell

lines. (a) MGC803 and MKN45 cells transfected with the lentivirus-packaged miR-135b-5p inhibitor (LV-miR-135b-IN) or control RNA inhibitor (LV-NC) were observed under a fluorescence microscope. (b) The expression of miR-135b-5p in MGC803 and MKN45 cells infected with LV-miR-135b-IN or LV-NC was analyzed by RT-qPCR. (c) The expression of miR-135b-5p in exosomes from MGC803 and MKN45 cells infected with LV-miR-135b-IN or LV-NC was analyzed by RT-qPCR. Values are expressed as means \pm SD. Data are representative of results from 3 independent experiments. ** $p < 0.01$, *** $p < 0.001$.



Supplementary Fig.4. SP1 is related to V γ 9V δ 2 T cell apoptosis and T-bet expression. (a) The mRNA expression of T-bet in V γ 9V δ 2 T cells treated with Plicamycin was analyzed by RT-qPCR. **(b)** The apoptosis rate of V γ 9V δ 2 T cells treated with Plicamycin was detected by flow cytometry. Values are expressed as means \pm SD. Data are representative of results from 3 independent experiments. **p < 0.01, ***p < 0.001.



Supplementary Fig.5. GC cell-derived CM induced apoptosis of CD4+ T cells and CD8+ T cells. (a, b) The apoptosis rate of CD4+ T cells (a) and CD8+ T cells (b) treated with CM from GES-1 cells (GES-1 CM), MGC803 cells (MGC803 CM) or MKN45 cells (MKN45 CM) was detected by flow cytometry. Values are expressed as means \pm SD. Data are representative of results from 3 independent experiments. * p <0.05, ** p <0.01, *** p <0.001.

