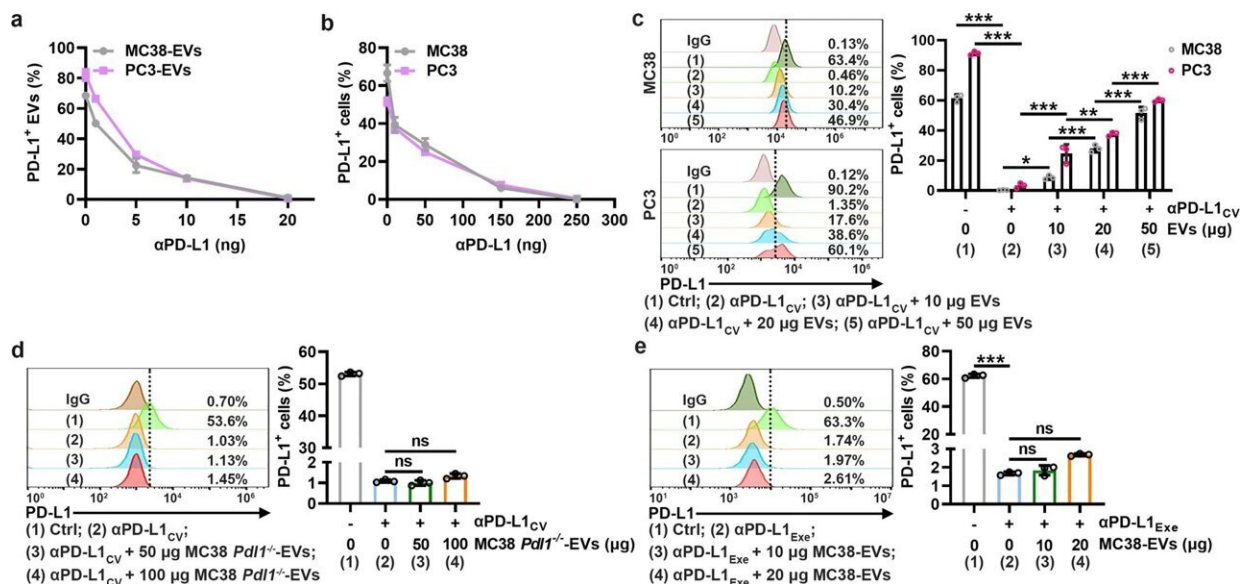


Scientists reveal new TEV-mediated α PD-L1-specific therapy resistance mechanism

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TEV PD-L1 competes with PD-L1 on tumor cells to bind α PD-L1. **a, b** MC38-EVs and PC3-EVs (1 μ g) (**a**) or MC38 and PC3 cells (1 $\times 10^5$) (**b**) were coincubated with the indicated doses of α PD-L1 in 100 μ l of medium for 30 min. Then, PD-L1 on EVs (**a**) or cells (**b**) was detected by flow cytometry. **c** A total of 1 $\times 10^5$ MC38 and PC3 cells were coincubated with α PD-L1_{CV} with or without the corresponding EVs at the indicated doses in 100 μ l of medium for 30 min. Then, PD-L1 on the cells was detected by flow cytometry. **d, e** A total of 1 $\times 10^5$ MC38 cells were coincubated with α PD-L1_{CV} (**d**) or α PD-L1_{Exe} (**e**) in the presence of the indicated doses of MC38 *Pd1*^{-/-}-EVs (**d**) or MC38-EVs (**e**) in 100 μ l of medium for 30 min. Then, PD-L1 on MC38 cells was detected by flow cytometry. The α PD-L1 for coincubation and detection recognizes the same epitope in PD-L1. Representative results from three independent experiments are shown ($n = 3$). * P

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