ABSTRACT

CAR-EXPRESSING T CELLS AND CAR EXPRESSION VECTOR

The present invention provides immune cells (such as CAR-T cells) having higher antitumor activity than immune cells (such as CAR-T cells) expressing a CAR alone (not expressing cytokines and/or chemokines). A T cell provided in one aspect of the present invention expresses (1) a chimeric antigen receptor (CAR), (2) at least one selected from the group consisting of interleukin-15 (IL-15), interleukin-18 (IL-18), interleukin-21 (IL-21), and interleukin-27 (IL-27), and (3) CC chemokine ligand 19 (CCL19).

[No suitable figure]