

Products and Services

- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

The CHO (Chinese hamster ovary) cell line is an epithelial cell line derived from the ovary of the Chinese hamster. This CHO cell line stably overexpresses CD47 antigen. This cell line is convenient for assays with CAR-T cells to measure specific cytotoxicity targeting CD47 antigen, which is overexpressed in cancer cells. The cells stably express a medium to high expression level of the CD47 antigen, as seen in the RTCA data below.

ProMab's engineered target cell lines can be used for different assays with CAR-T effector cells, such as cytotoxicity (Figure 1).

Data

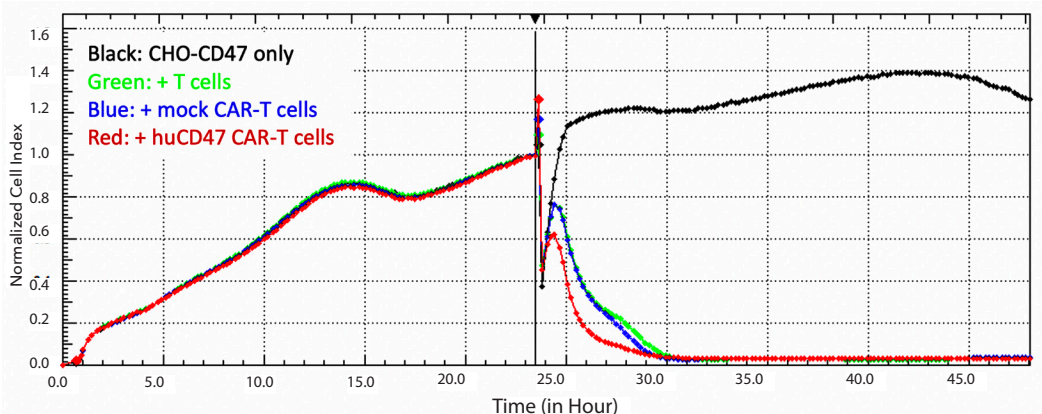
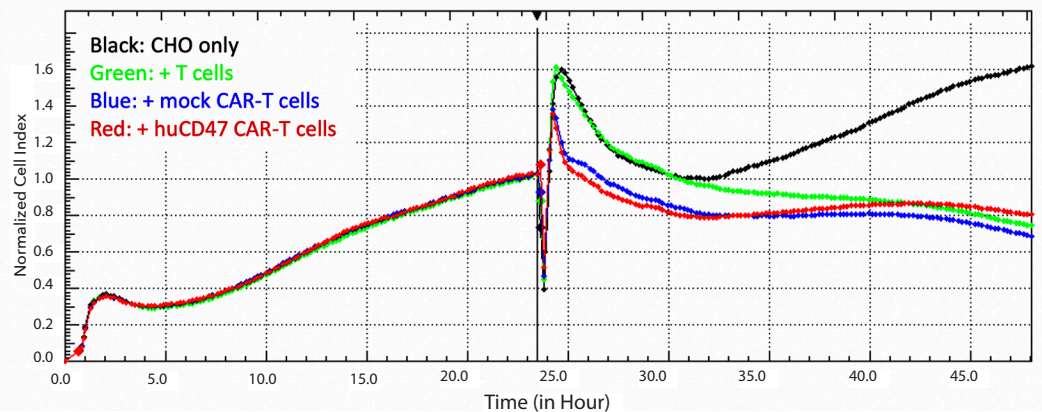


Figure 1. CD47-CAR-T cells kill CHO-CD47 cells but not in CHO cells. At early time point, RTCA activity of CD47-CAR-T cells is higher than T and Mock CAR-T cells in CHO-CD47 cells.