

CAR T-Cells Detection

Revolutionizing precision in Flow Cytometry
with our **BrightStep™** Technology



50 min
PROTOCOL



Compatible with
+30
antibody
panels

ADVANTAGES

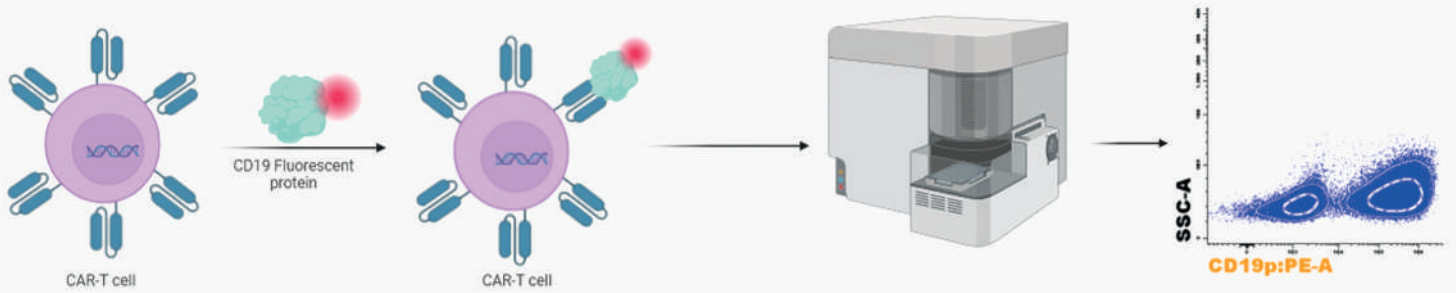
- 1 High Resolution Identification
- 2 Specificity and Sensitivity
- 3 Compatible with any Flow Cytometer
- 4 Secondary Reagents Not Needed
- 5 Consistency and Reproducibility
- 6 Simple 50 min. Protocol



Do you want more information?
Scan this QR code and see
all the details of our
CAR T-Cell reagent.

> PRINCIPLE OF METHOD

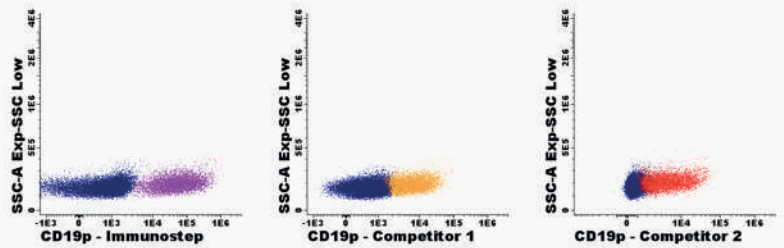
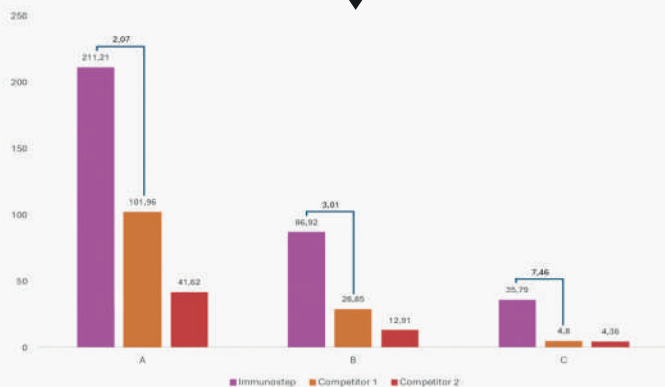
BrightStep™: our cutting-edge labeling technology revolutionizing CAR T-Cell Detection:



BrightStep™ advanced conjugation technology **enhances fluorescent signal strength** while **preserving the protein's conformation and natural modifications**. This ensures unparalleled sensitivity performance without compromising the recognition of the protein by CAR T-Cell chimeric antigen receptors.

> REAGENT PERFORMANCE

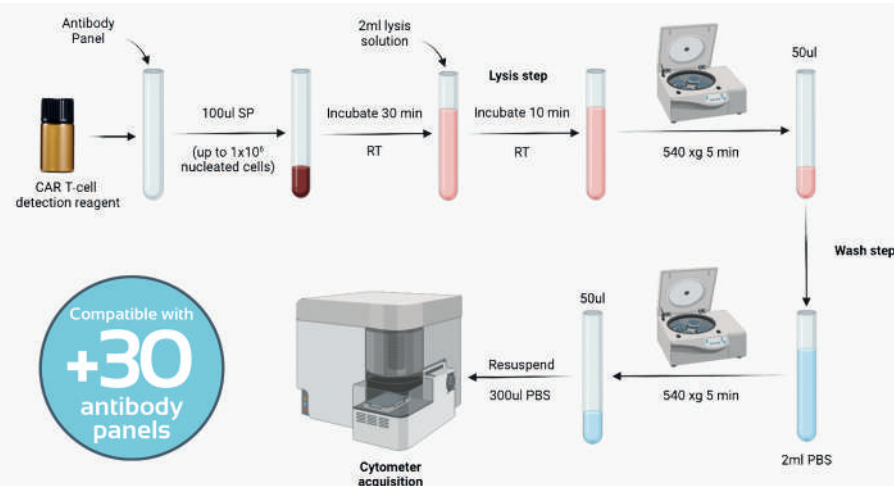
Bar graph representing the SI data obtained from different samples (Yescarta - DLBCL, Yescarta - FL, & Academic CAR T-Cells - DLBCL) labeling with Immunostep reagent comparing it with reagents from other competitors.



Dot plots representing the sample (C: academic CAR T-Cells) extracted from the bar graph demonstrate the superior discriminatory ability of Immunostep reagent over its competitors.

Evaluation of Immunostep reagent's efficiency using clinical samples from various commercial and academic sources, including CAR T-Cell therapies like Yescarta, across different cancer diseases. Comparative analyses with competitors reagents were conducted. Despite variability in CAR expression levels, Immunostep consistently outperformed its competitors in accurately discriminating between negative and positive populations, especially in challenging samples.

> PROTOCOL 50min



Compatible with
+30
antibody panels

EASY & QUICK PROTOCOL

Optimized with RBC lysing solution (Ref.: RBCIOX-50ML)

No secondary reagents needed

Batch-to-batch Consistency and Reproducibility

COMPATIBLE WITH ALL CYTOMETERS

REF

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⋮

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MA-0312-25T
MA-0312-100T

25 test
100 test

PE

RUO