

# CD19 CAR Detection Reagent (Biotin)

## Simple detection of CD19 CAR T cells via flow cytometry

- Detection of T cells engineered for expression of CD19 CARs
- Highly specific recognition of the CD19 CAR molecule
- Reliable and easy identification via flow cytometry with flexible Anti-Biotin fluorochromes

► [miltenyibiotec.com](http://miltenyibiotec.com)

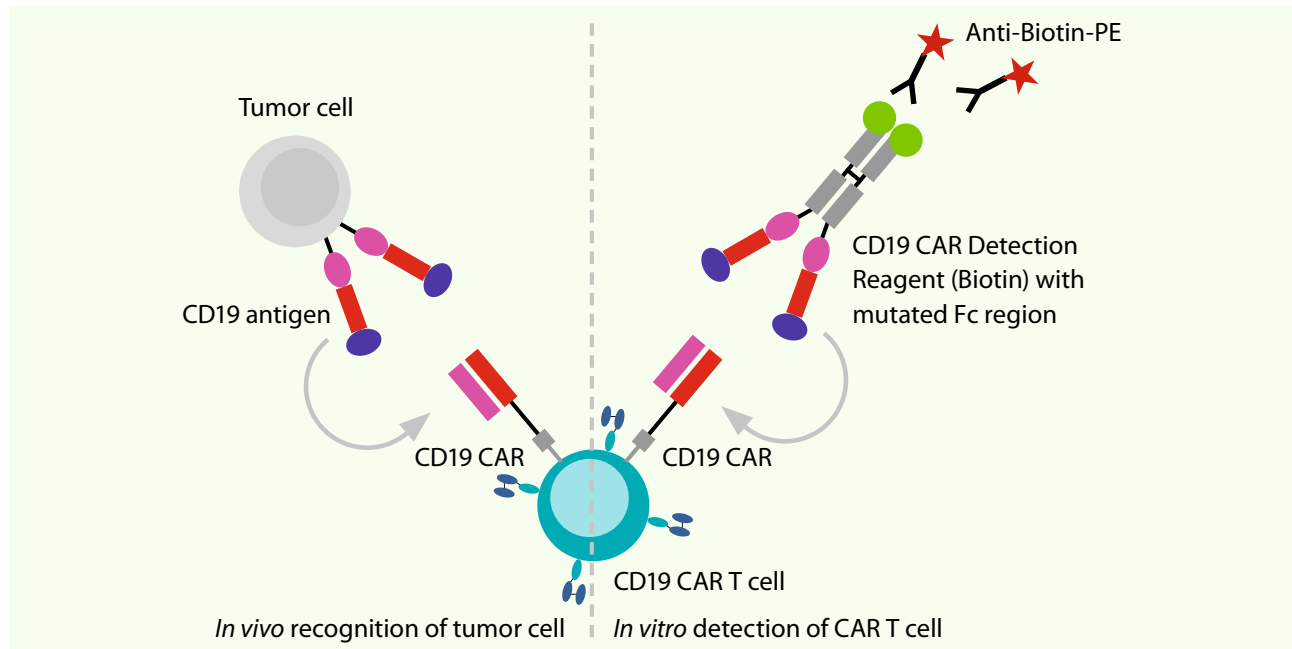


**JOIN THE  
FLOW  
REVOLUTION**

## Simple and effective

Flow cytometry is the perfect tool for in-process and quality control of chimeric antigen receptor (CAR) T cell products, as well as for monitoring CAR T cell persistence in patients under treatment.

Our newly released CD19 CAR Detection Reagent (Biotin) detects CD19 CAR T cells via recognition of the CD19 CAR molecule, and can be readily identified by flow cytometry.



**Figure 1:** Mechanism of tumor cell recognition and CAR T cell detection

Products	Immune cell composition	CAR T cell transduction	Persistence/Phenotyping	Order no.
CD19 CAR Detection Reagent (Biotin)		●	●	130-115-965
Anti-Biotin-PE		●	●	130-110-951
CD45-VioBlue®*	●	●		130-110-637
CD4-VioGreen™*	●	●	●	130-113-230
CD3-FITC*	●	●	●	130-113-138
CD16-PE*	●			130-113-393
CD56-PE*	●			130-113-312
7-AAD Staining Solution*	●	●	●	130-111-568
CD19-PE-Vio® 770*	●			130-113-647
CD14-APC*	●	●		130-110-520
CD8-APC-Vio® 770*	●	●	●	130-110-681
CD45RA-VioBlue®*			●	130-117-743
CD62L-PE-Vio® 770*			●	130-113-621
CD45RO-APC			●	130-113-556
CAR T Cell Express Mode Package	●	●	●	160-002-376

**Table 1:** Antibody panels and Express Modes for immunophenotyping and detection of CAR T cells

\*Unless otherwise noted, reagents are available in CE-IVD and ASR quality.



Miltenyi Biotec

Miltenyi Biotec B.V. & Co. KG | Phone +49 2204 8306-0 | Fax +49 2204 85197 | [macs@miltenyibiotec.de](mailto:macs@miltenyibiotec.de) | [www.miltenyibiotec.com](http://www.miltenyibiotec.com)

Miltenyi Biotec provides products and services worldwide. Visit [www.miltenyibiotec.com/local](http://www.miltenyibiotec.com/local) to find your nearest Miltenyi Biotec contact.

Copyright owl image: @ Miles Away Photography/Shutterstock.com

Unless otherwise specifically indicated, Miltenyi Biotec products and services are for research use only and not for therapeutic or diagnostic use. MACS and the MACS logo are registered trademarks or trademarks of Miltenyi Biotec and/or its affiliates in various countries worldwide. Copyright © 2019 Miltenyi Biotec and/or its affiliates. All rights reserved.