TruCytes™

Synthetic Cells with Biomarkers

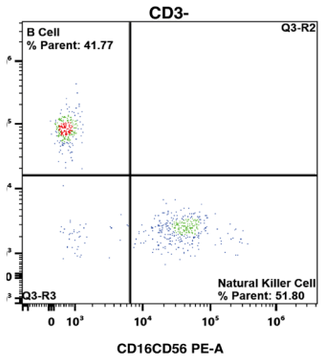
OLS® OMNI Life Science

Go Beyond Blood

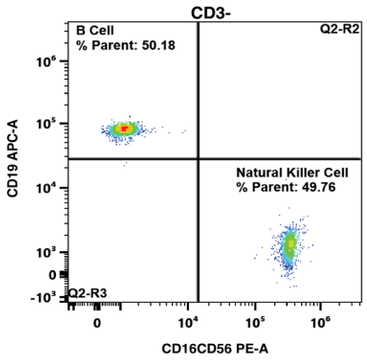
- **Accurate antigen density to match the correct cell types**
- **Exceptional product stability compared to biologically-derived cellular controls**
- **Biomarker "expression" can be tuned to match poorly-expressed markers**
- **Superior consistency and reliability as compared to traditional controls**

Experience a new level of accuracy and reliability with TruCytes™ synthetic cells with biomarkers.

Whole Blood



TruCytes™ TBNK



TruCytes TBNK synthetic cellular controls match the biochemical profile and optical properties of any target cell population, eliminating the drawbacks that traditionally come with using bio-based cellular controls.

Flow cytometry, a critical enabling technology, has significantly advanced over the last 30 years, with the exception of cellular controls. Current blood controls cannot be manufactured without using technology to combine human and animal cells or sourcing primary cells from active donors. Only <1% of blood diseases have available controls. These biological controls have high cost, batch-to-batch variability, cell line maintenance, biohazardous shipping and handling, and poor stability.

TruCytes™ can be customized to match rare diseases—a known bottleneck in development—and any hematological malignancy in record time.

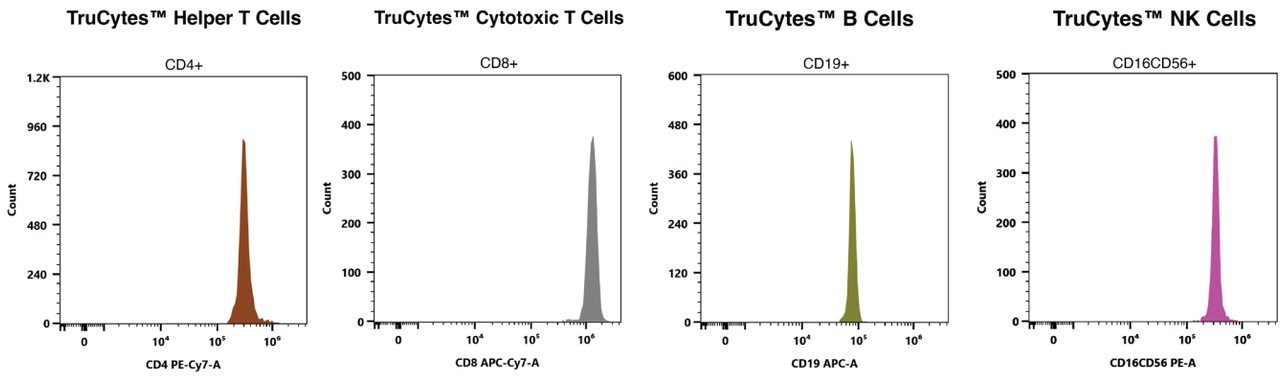
The Slingshot Advantage

+ Level-up with truly cell-like performance.
+ Our synthetic cells match the optical, fluorescence, and biochemical features of cells
+ Customizable to any cell population
+ Precisely control the level of key biomarkers

TruCytes™

Synthetic Cells with Biomarkers

TruCytes™ Individual Positive Population



TruCytes™ Products

TruCytes products are ready-to-use immunophenotyping controls for the positive detection of surface biomarkers. These products are NOT derived from biospecimens so they are not biohazardous and require no special handling.

Features

- Accurate antigen density to ensure reliable results
- Superior consistency and reliability versus traditional controls (fresh primary cells, frozen controls, and lyophilized products)
- Exceptional product stability versus all biologically-derived cellular controls

SKU	Product	Biomarkers
SSB-08-A	TruCytes™ TBNK Control	CD4+ T-cells: CD45+, CD3+, CD4+ CD8+ T-cells: CD45+, CD3+, CD8+ B-cells: CD45+, CD3-, CD19+ NK cells: CD45+, CD3-, CD16/56
SSB-09-A	TruCytes™ T-Cell CD4+ Mimics	CD4+ T-cells: CD45+, CD3+, CD4+
SSB-10-A	TruCytes™ T-Cell CD8+ Mimics	CD8+ T-cells: CD45+, CD3+, CD8+
SSB-11-A	TruCytes™ B-Cell CD19+ Mimics	B-cells: CD45+, CD3-, CD19+
SSB-12-A	TruCytes™ NK-Cell CD16/56+ Mimics	NK cells: CD45+, CD3-, CD16+, CD56+

Contact OLS OMNI Life Science - Your Partner in Cell Research

OLS OMNI Life Science GmbH & Co. KG
Karl-Ferdinand-Braun-Straße 2
28359 Bremen, Germany
Phone: +49 421 27 61 69 0
info@ols-bio.de • www.ols-bio.com

OLS OMNI Life Science GmbH
Laufenstraße 90
4053 Basel, Switzerland
Phone: +49 421 27 61 69 0
info@ols-bio.ch • www.ols-bio.com

OLS OMNI Life Science