

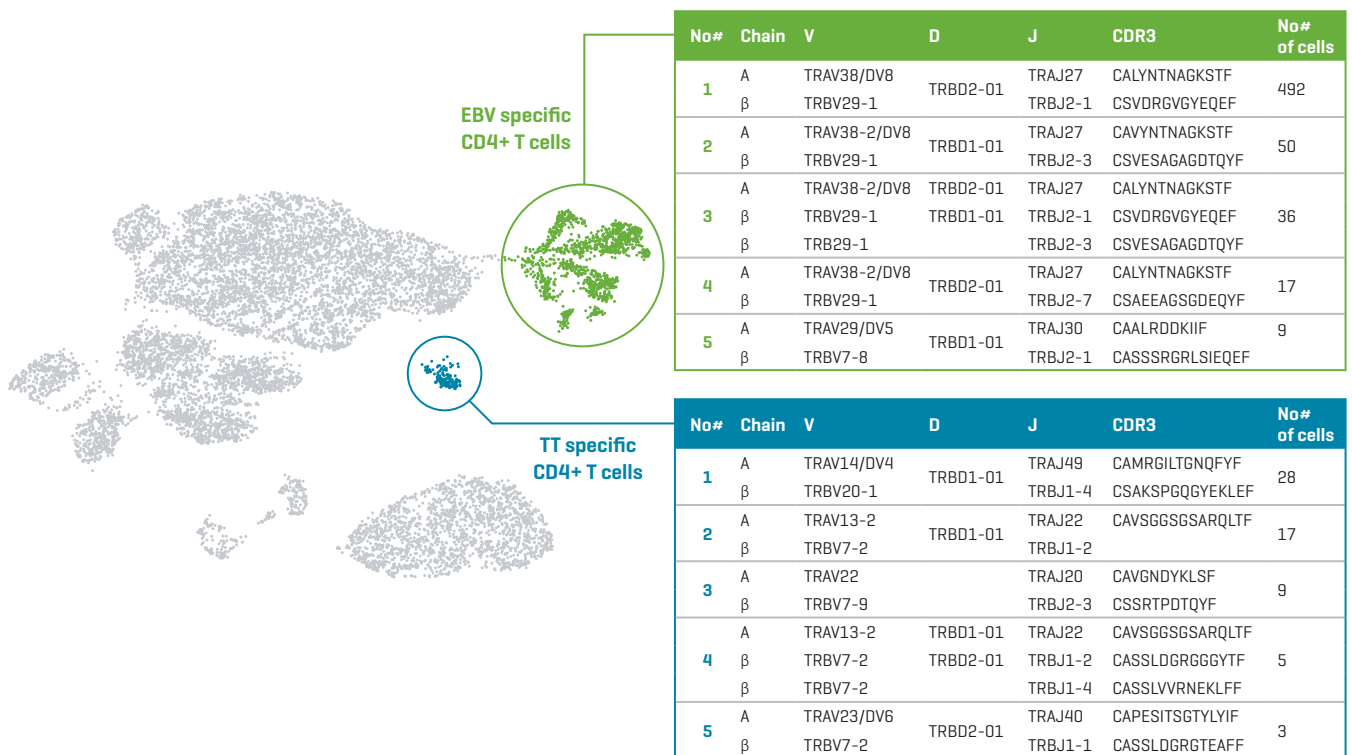
Combine T-Cell Antigen-Specificity with Single-Cell Multi-Omics

With dCODE Dextramer® [10x], you can combine sensitive and multiplexed detection of antigen-specific T cells with single-cell immune profiling on the 10x Chromium Controller. Obtain simultaneous characterization of TCR sequences, surface protein, and gene expression at a single T-cell level.

By adding a unique DNA barcode targeted to each investigated specificity, dCODE Dextramer® [10x] allows you to maximize the information gained in your T-cell experiments.

Identify Antigen-Specific T Cells and TCR Clonotypes at Single-Cell Resolution

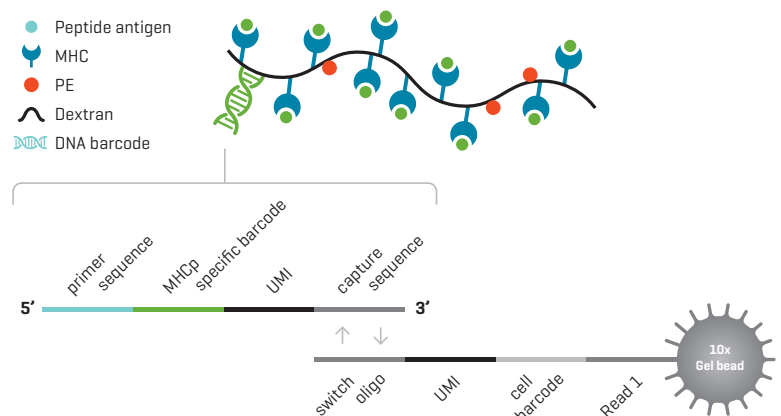
dCODE Dextramer® [10x] reagents allow you to investigate antigen-specificity and gain information on gene expression, cell surface protein expression, and TCR clonotype.



Redefine T-Cell Phenotyping

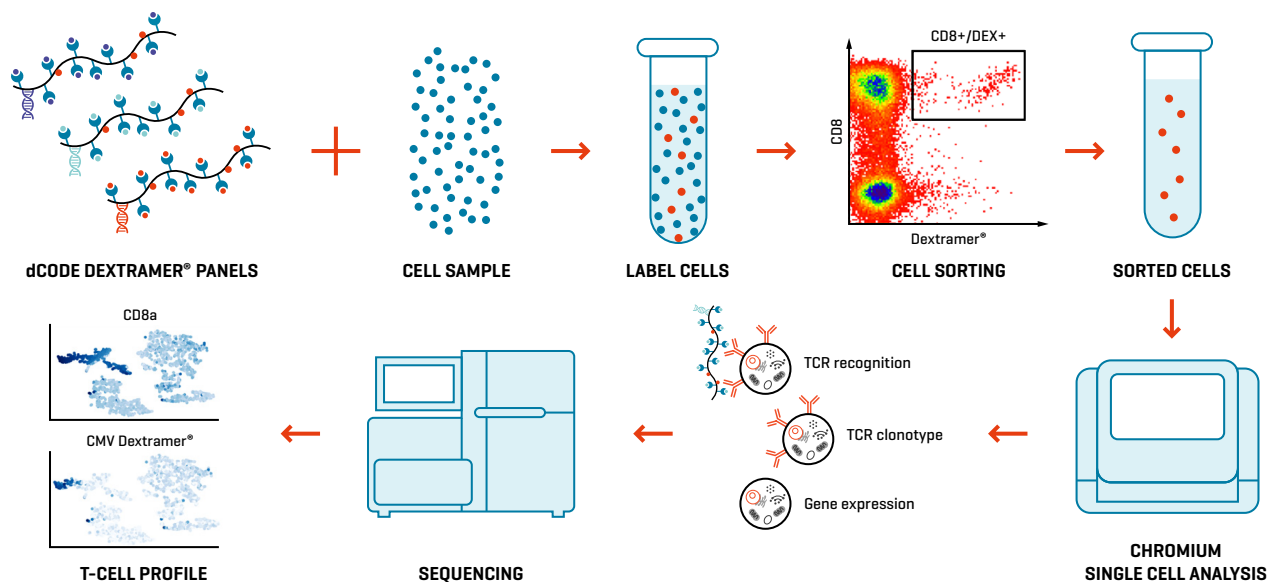
Ready-to-use immune monitoring reagents with the superior dCODE Dextramer® sensitivity for a comprehensive T-cell analysis:

- Easier and faster single-cell multi-omics
- Superior resolution even with low-affinity interactions
- Compatible with 10x Chromium System



Transform Your Research Strategy with dCODE Dextramer® [10x]

Get the most out of your sample. Obtain the complete immunological profiling in just one workflow by combining dCODE Dextramer® technology with 10x's Single-Cell immune profiling solutions.



dCODE Dextramer® [10x] Products

- MHC I dCODE Dextramer® [10x] for the detection of CD8+ antigen-specific T cells
- MHC II dCODE Dextramer® [10x] for the detection of CD4+ antigen-specific T cells
- dCODE® Klickmer to create personalized dCODE Dextramer® [10x] by loading your choice for the detection of biotinylated molecules (for B-cell research and much more)

dCODE Dextramer® Product Grades

EXPLORE

Reagent panels [16, 32, 48, 64, 80, 96, nx96 specificities] designed for large screenings [i.e. epitope discovery and neo-antigen screening]

- Selected MHC I alleles available
- Peptide binding based on peptide-MHC affinity prediction, not verified by a quality control

GOLD

Single reagents designed for the analysis of few antigen specificities [i.e., monitoring of a small number of antigen-specific populations or validation of large screening findings]

- All MHC I and MHC II alleles from Immudex' catalog are available. List of alleles on Immudex' website
- Peptide binding verified by a quality control

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For research use only. Not for use in diagnostic or therapeutic procedures. Immudex is the sole manufacturer and provider of dCODE Dextramer® [10x] reagents, and support related to these products is through Immudex.