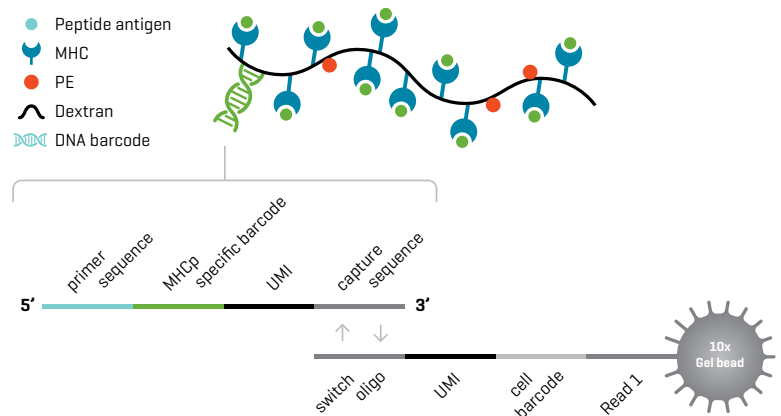


Perform Single-Cell Multi-Omics on Antigen-Specific T cells with MHC dCODE Dextramer®

MHC dCODE Dextramer® has a DNA oligonucleotide attached to the dextran backbone with a barcode signature sequence that defines the monomeric peptide-MHC complexes on the Dextramer®. This enables indexing of antigen-specific T cells and multiplexing for many TCR specificities.

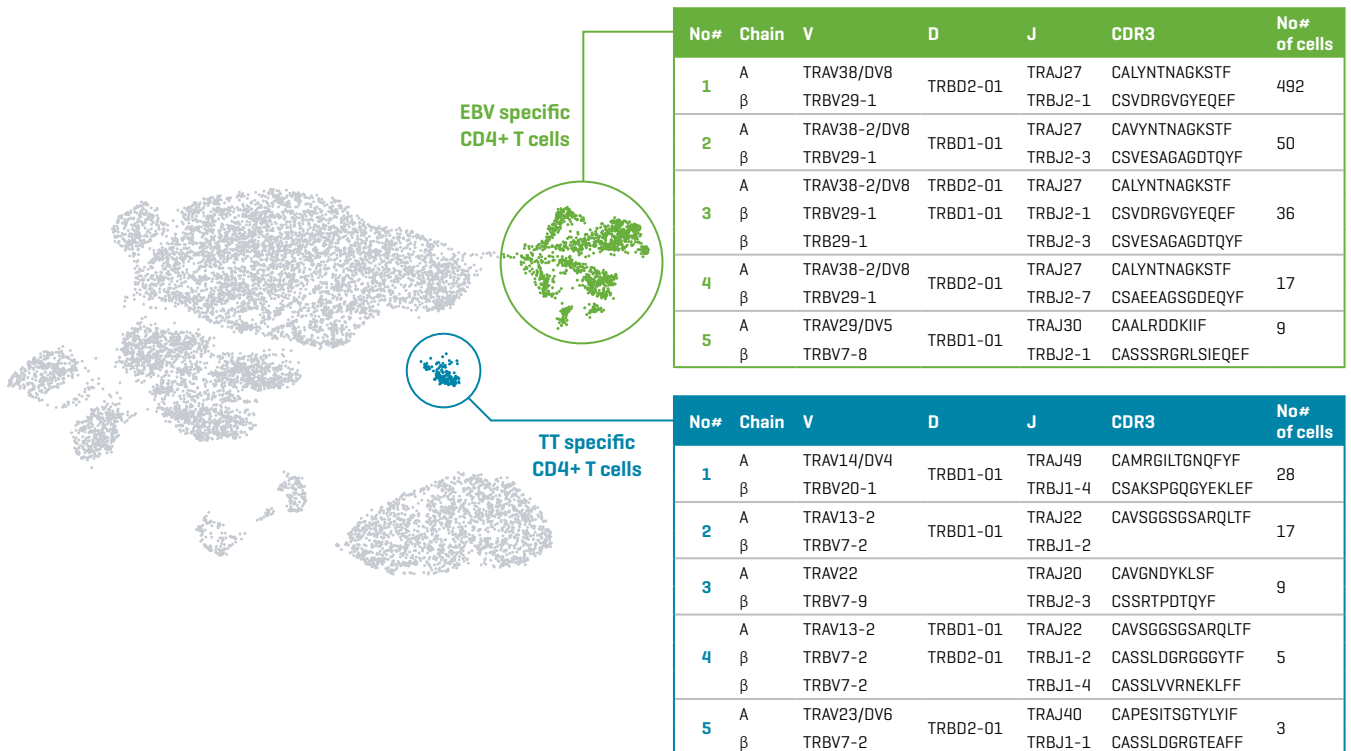
The barcode-containing DNA oligonucleotide of dCODE Dextramer® [10x] is designed to be compatible with the 10x Chromium system for collecting and processing of many thousands of single cells.

- Up to 1,000 unique barcodes available
- Broadest allele coverage [MHC I and II]
- Tried, tested and published technology



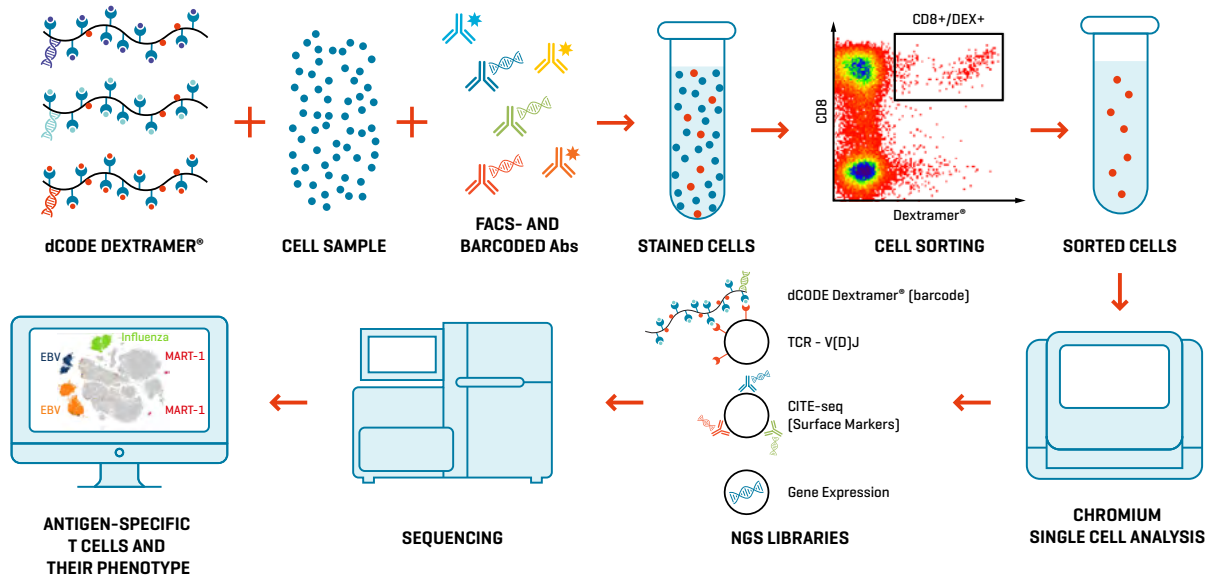
Identify Antigen-Specific TCR Clonotypes with MHC dCODE Dextramer®

Couple information about gene expression, surface proteins, and V[D]J sequences with antigen specificity at the single-cell level.



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

Get the most out of your sample. Achieve comprehensive immunological profiling by combining dCODE Dextramer[®] technology with 10x's Single-Cell immune profiling solutions.

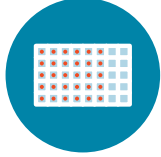


dCODE Dextramer[®] [10x] Products

- **MHC dCODE Dextramer[®] [10x]**: Ready-to-use gold standard for single-cell characterization of antigen-specific T cells
- **dCODE Klickmer[®]**: Create custom dCODE Dextramer[®] reagents loaded with biotinylated ligands of your choice (for B cell research and much more)
- **U-Load dCODE Dextramer[®] [10x]**: Save time and money by making dCODE reagents in the lab with a simple one hour protocol charging U-Load dCODE Dextramer with biotinylated peptide-MHC complexes of your choice
- **CD1d dCODE Dextramer[®] [10x]**: for single-cell characterization of NKT cells
- **MR1 dCODE Dextramer[®]**: for single-cell characterization of MAIT cells

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's catalog are available. List of alleles on Immudex's website
- Peptide binding verified by a quality control

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