

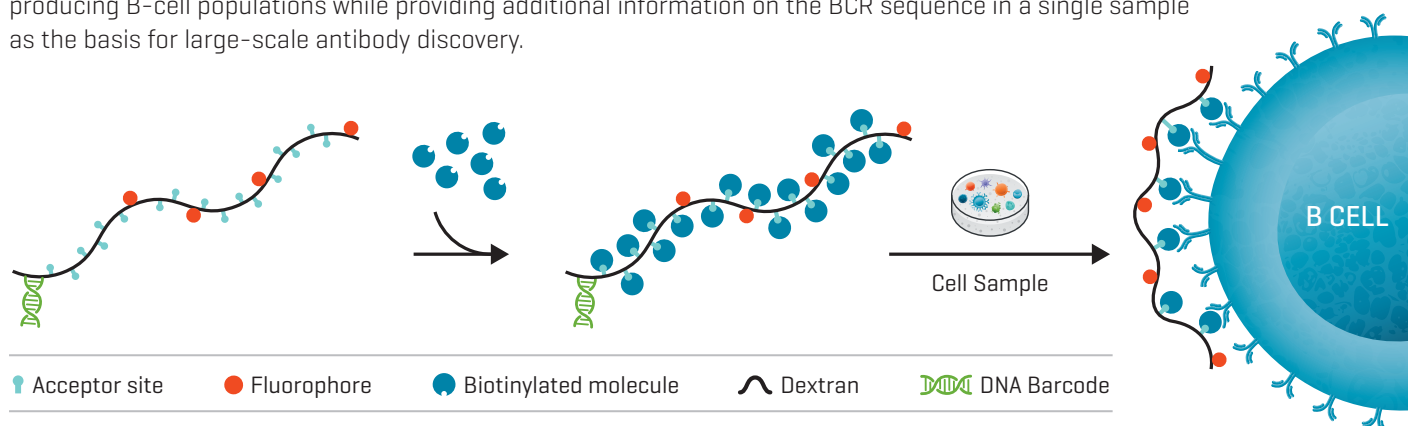
## Customized dCODE Klickmer® Reagents for Research Beyond T Cells

Klickmer® reagents broaden the usage of Dextramer® technology to any cell type of interest by binding and displaying the biotinylated molecule of your choice. Through the application of DNA barcodes, dCODE Klickmer® allows you to identify your target population using NGS or single-cell multi-omics.

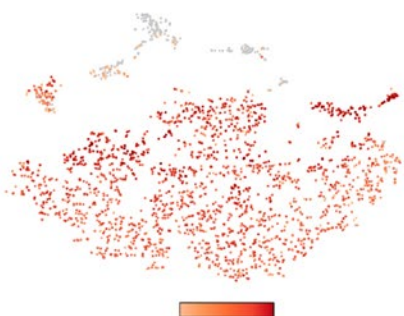
Combine Klickmer® and dCODE Klickmer® reagents with your choice of biotinylated molecules to create tailored multimers that efficiently bind B cells, cancer cells, infected cells and much more.

## Investigate Novel Cell Subsets with Customized dCODE Klickmer® Reagents

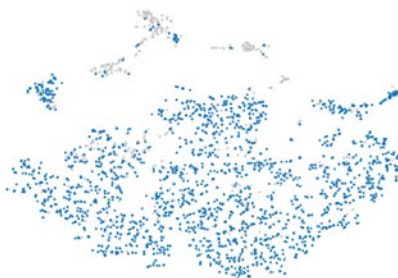
By attaching B-cell antigens, dCODE Klickmer® can, for example, detect multiple antigen-specific, antibody-producing B-cell populations while providing additional information on the BCR sequence in a single sample as the basis for large-scale antibody discovery.



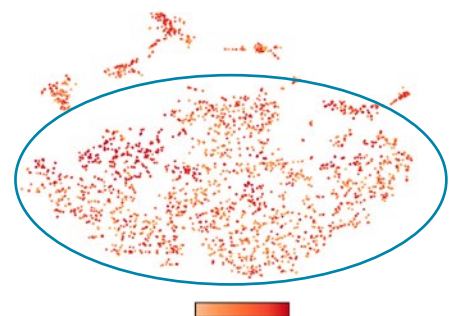
### A. B cell complex expressing B cells



### B. IgG producing B cells

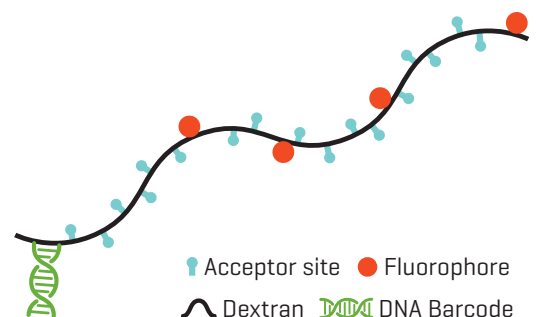


### C. Protein-X specific B cells



## Superior Multiplexing Capacity in a Single, Multipurpose Reagent

- dCODE Klickmer® carries multiple acceptor sites that enables binding of the molecules of choice
- High-avidity multimer
- Sorting tag (PE)
- Available for bulk analysis by NGS (HiT) or single-cell multi-omics using 10x Chromium (10x) or BD Rhapsody™ platforms (RiO)



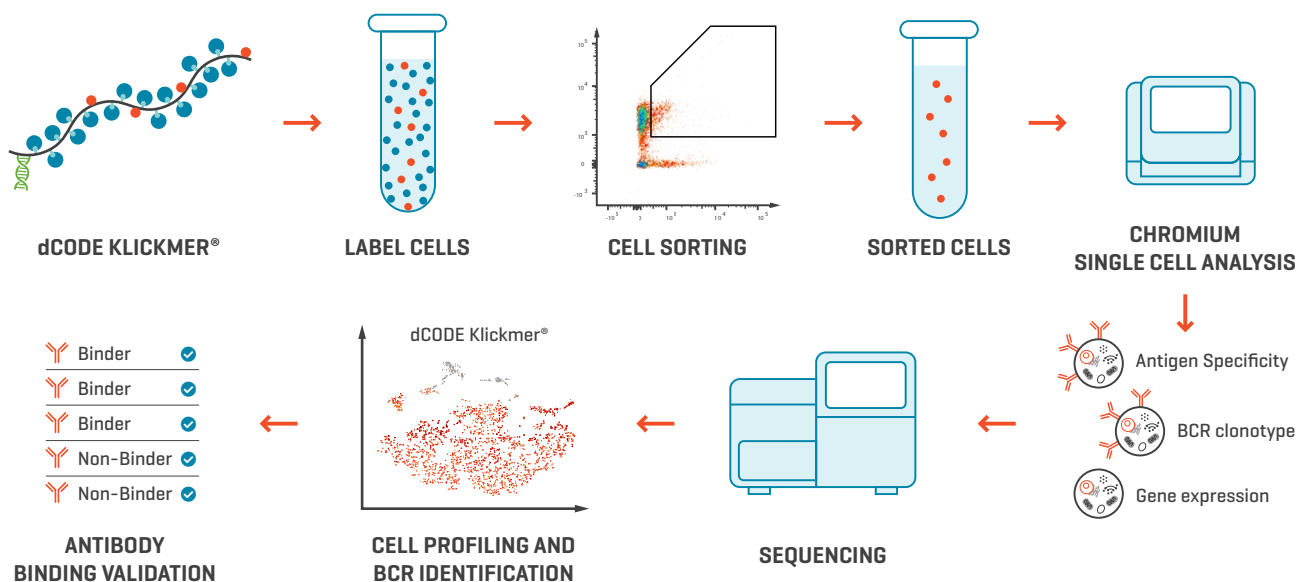
## Customizing dCODE Klickmer® Reagents

**Biotinylated molecules** can be attached to the dCODE Klickmer® enabling highly sensitive detection of **antigen-specific** immune cells:

- ▮ B-cell antigens
- ▮ Peptides
- ▮ MHC monomers
- ▮ Interleukins
- ▮ Immune stimulatory molecules
- ▮ Metal chelates/Lanthanides

## A Stable Reagent for Any Fast-Paced, Cutting-Edge Immunology Lab

Get the most out of your sample. Combine dCODE Klickmer® with single-cell multi-omics and obtain full immunological profiling of for instance B cells with additional information of gene expression, surface protein expression, and BCR clonotype, in just one workflow.



### dCODE® Product Portfolio

All products are available for bulk analysis by NGS (HiT) or single-cell multi-omics using 10x Chromium (10x) or BD Rhapsody™ platforms (RiO).

|   |                   |
|---|-------------------|
| dCODE Klickmer®-PE Single reagent                     | 30, 60 or 180 µL  |
| dCODE Klickmer®-PE Panel (up to 96 x n specificities) | 30 or 60 µL       |
| dCODE Dextramer® MHC I, MHC II                        | 25, 50, 150 tests |
| U-Load dCODE Dextramer® MHC I                         | 20, 50, 150 tests |
| U-Load dCODE Dextramer® MHC II                        | 50, 150 tests     |
| CD1d dCODE Dextramer®                                 | 15, 50, 150 tests |

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