

CD8⁺ and CD4⁺ T Cells

Ready-To-Use

MHC I and MHC II Dextramer[®]



GMP available

- Detect, isolate, expand antigen-specific T cells
- TCR validation
- Flow cytometry
- *In situ* staining

dCODE Dextramer[®]



- Gold standard barcoded MHC multimers
- Antigen-specific T cell NGS/single-cell multi-omics
- Epitope discovery and neo-antigen screening
- TCR discovery and validation
- Specificity profiling

Ready-to-Use MHC Monomers



GMP available

- MHC I and II monomers
- T-cell stimulation
- TCR characterization and cross-reactivity screening
- Assess TCR:pMHC binding strength
- Development of TCR-like antibodies
- MHC multimer assembly



DOWNLOAD
the Immudex
Product Catalog

Loadable Solutions

U-Load Dextramer[®]



- Detect antigen-specific CD8⁺ and CD4⁺ T cells
- Loadable Dextramer[®] technology
- Flow cytometry

U-Load dCODE Dextramer[®]



- Antigen-specific T-cell monitoring with the power of multiplexing
- Loadable dCODE Dextramer[®] technology
- Epitope discovery and neo-antigen screening
- TCR discovery
- NGS/single-cell multi-omics (HiT, RiO, 10x)

Peptide-Receptive MHC Monomers



- easYmers[®] MHC I and U-Load[®] MHC II monomers
- MHC multimer assembly
- Assess pMHC binding affinity

Ready-To-Use

TCR Dextramer[®]



- Detect antigen-presenting cells
- Validate and characterize TCRs
- Quality control of cancer vaccines
- Flow cytometry
- *In situ* staining

Soluble TCR Monomers

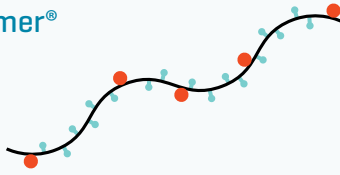


- Assess TCR:pMHC binding strength
- TCR cross-reactivity screening



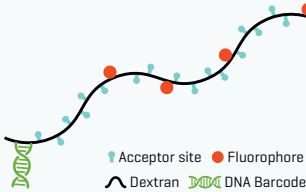
B Cells

Klickmer®



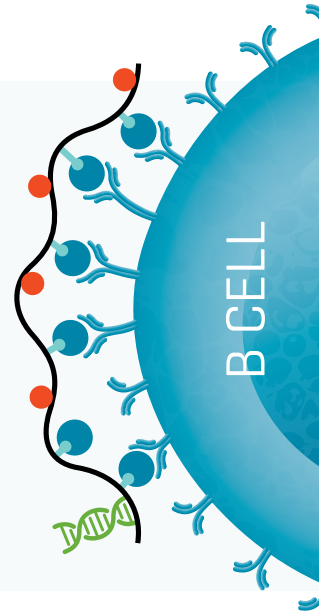
- Detect antigen-specific B-cells and more
- Build high-avidity multimers
- Attach your biotinylated molecule of choice
- Efficient protein-ligand interaction
- Flow cytometry

dCODE Klickmer®



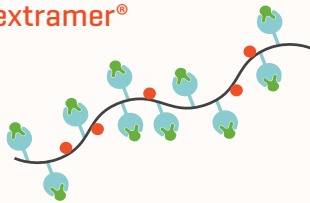
■ Acceptor site ■ Fluorophore
 ▲ Dextran 🧬 DNA Barcode

- Antigen-specific B-cell monitoring with the power of multiplexing
- Loadable dCODE Klickmer® technology
- BCR sequencing
- Antibody discovery
- NGS/single-cell multi-omics [HiT, RiO, 10x]



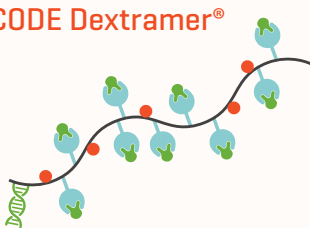
Non-Conventional T Cells

CD1d Dextramer®



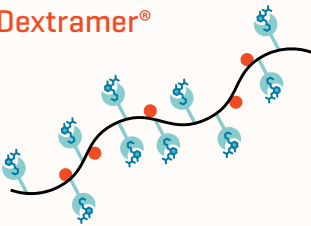
- Detect CD1d-restricted Natural Killer T cells
- Flow cytometry
- *In situ* staining

CD1d dCODE Dextramer®



- NKT cell monitoring with the power of multiplexing
- NGS/single-cell multi-omics [HiT, RiO, 10x]

MR1 Dextramer®



- Detect MAIT cells
- Flow cytometry
- *In situ* staining

MR1 dCODE Dextramer®



- MAIT cell monitoring with the power of multiplexing
- NGS/single-cell multi-omics [HiT, RiO, 10x]

MR1 Monomers



- T-cell stimulation and enrichment



Don't find what you're looking for?

Ask us about Custom Solutions and Services