

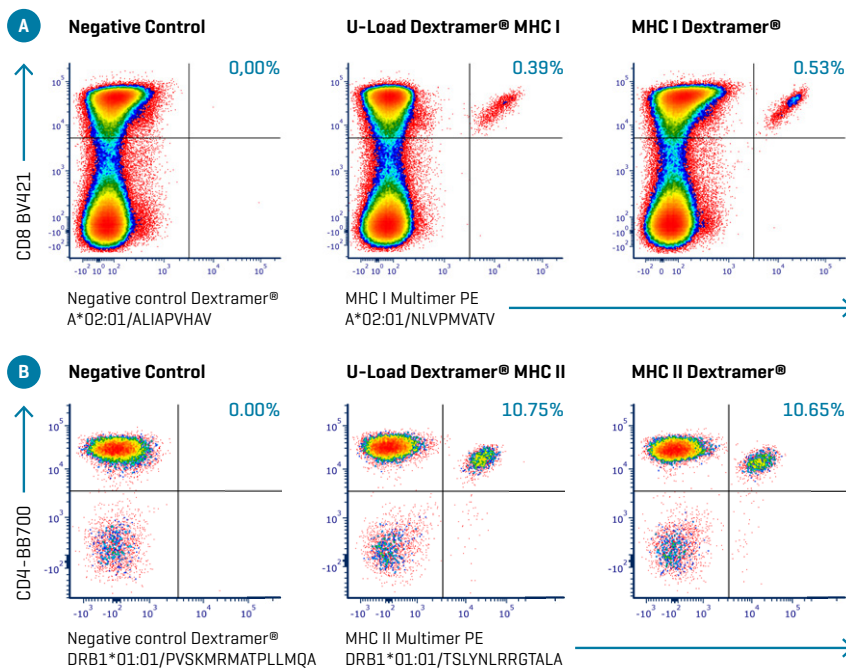
Ultimate Flexibility. Reliable Sensitivity.

With U-Load Dextramer[®], you can now combine custom MHC allele-peptide complexes with benefits of the Dextramer[®] technology, whether via flow cytometry or single-cell multi-omics when detecting antigen-specific T cells.

Minimize time and money spent to screen large numbers of specificities and samples by easily assembling quality reagents with a simple protocol that takes 1 hour and can be done at your workbench.

High-Quality, Custom Dextramer[®] Reagents

U-Load Dextramer[®] reagents allow you to build custom Dextramer[®] reagents using your peptide of choice with high flexibility but without compromising on the quality when detecting antigen-specific T cells.



U-Load Dextramer[®] for detection of CD4+ and CD8+ T cells

Staining comparison of Negative control, U-Load Dextramer[®] and MHC Dextramer[®] reagents in human PBMCs for detection of antigen-specific CD4+ or CD8+ T cells.

A: Staining with the allele A*02:01 and peptide NLVPMVATV were applied to stain CMV-specific CD8+ T cells.

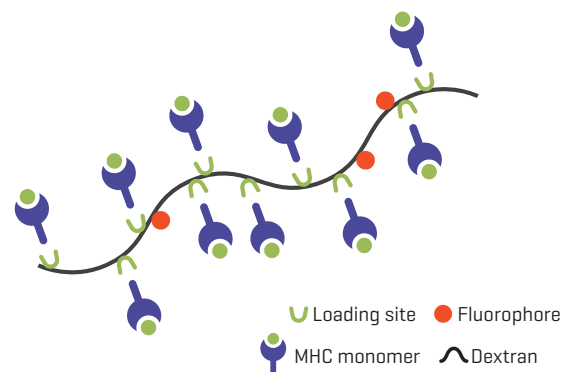
B: Staining with allele DRB1*0101 and peptide TSLYNLRRGTALA were applied to stain EBV-specific CD4+ T cells.

Comparable staining was achieved with U-Load Dextramer[®] and MHC Dextramer[®] reagents.

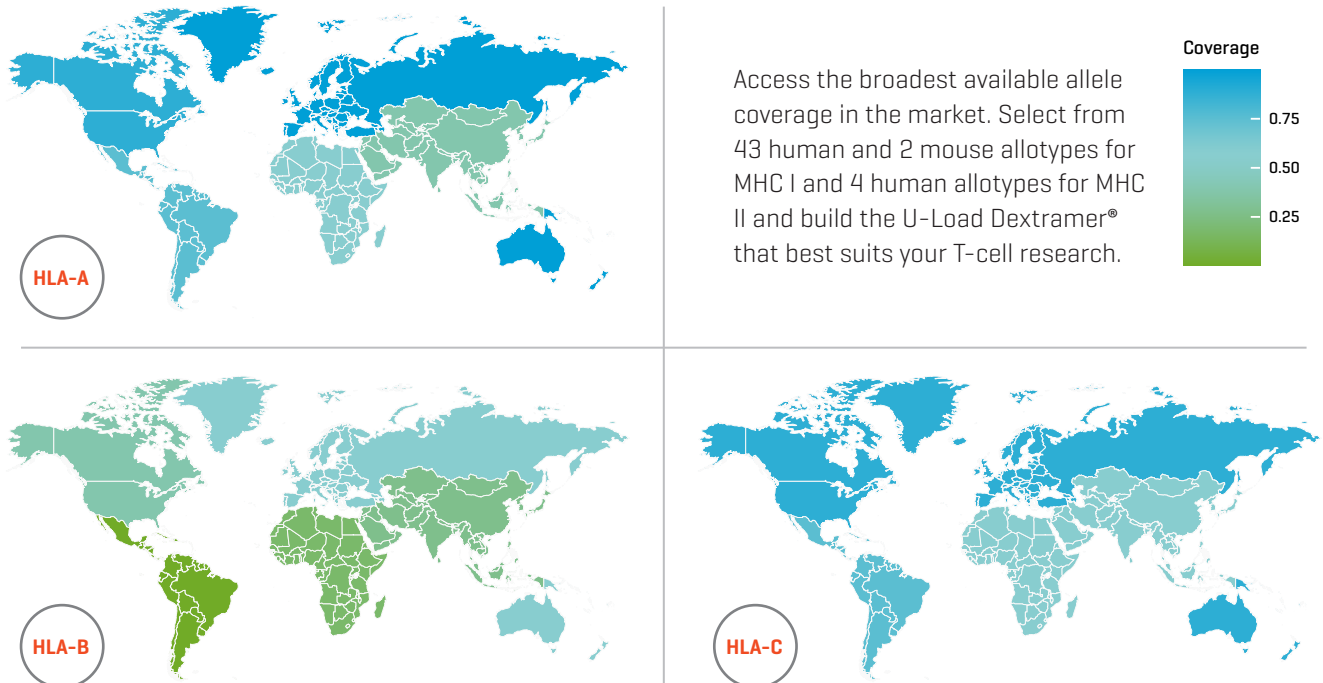
Push the Boundaries of What you Can Detect with U-Load Dextramer[®]

Create fit-for-purpose immune monitoring reagents in your lab and implement the superior Dextramer[®] sensitivity in any project:

- Broadest allele coverage in the market
- MHC I and MHC II available
- Fast and easy protocol (no UV-exchange)
- For flow cytometry and single-cell multi-omics



The Allotype Coverage to Truly Explore Human Immune Diversity



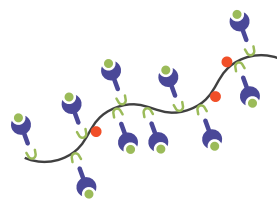
Data obtained from: Gonzalez-Galarza *et al.* [2020] 'Allele frequency net database [AFND] 2020 update: gold-standard data classification, open access genotype data and new query tools.' *Nucleic Acids Res.* Jan 8; 48(D1): D783–D788. Courtesy of immunAware.

Transform Your Research Strategy with U-Load Dextramer[®]



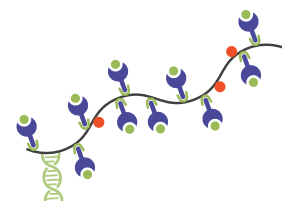
easYmer[®] & U-Load MHC II

MHC I and MHC II monomers covering a broad range of allotypes to optimize the antigen component of your U-Load Dextramer[®] reagent or to build your own multimer.



MHC I and MHC II U-Load Dextramer[®] Kits

Everything you need to easily build high-avidity T-cell monitoring reagents for flow cytometric analysis. Pick a fluorophore, an allotype monomer, and add your own peptide of choice.



MHC I and MHC II U-Load dCODE Dextramer[®]

Boost the granularity of your sequencing-based monitoring of T-cell populations. Choose your DNA-barcoded dextran backbone of choice and include the desired fluorophore, allotype monomer and your own peptide.

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Immudex is the global distributor of immunAware's easYmer[®] monomers