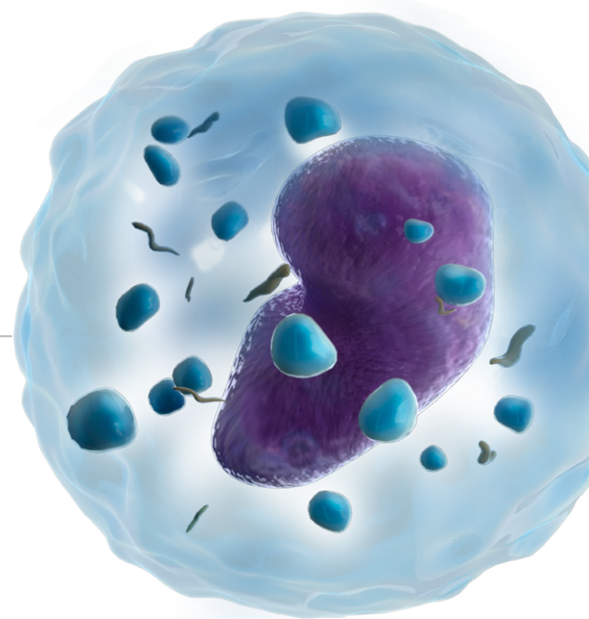


Detect NKT Cells with Confidence

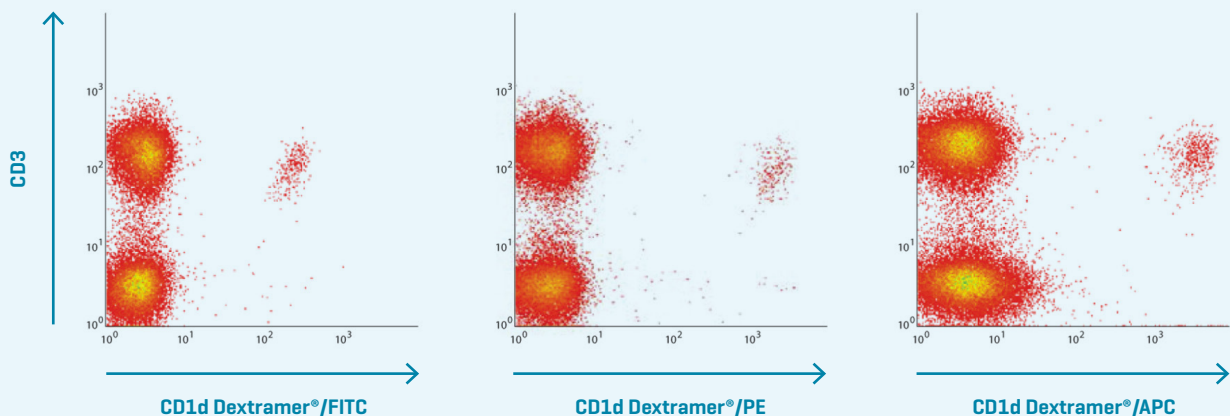
Natural killer T (NKT) cells are CD1d-restricted T cells that recognize lipids and glycolipids and play an important role in linking innate and adaptive immune responses.

CD1d Dextramer[®] reagents carry CD1d molecules coupled with glycolipid alpha-Galactosyl Ceramide [α -GalCer] to accurately detect invariant NKT (iNKT) cells by flow cytometry.



Explore Applications of CD1d Dextramer[®]

- ▮ Detect, isolate, and enumerate NKT cells from blood and PBMCs
- ▮ Profile immune responses
- ▮ Evaluate vaccine efficacy
- ▮ Guide immunotherapeutic development

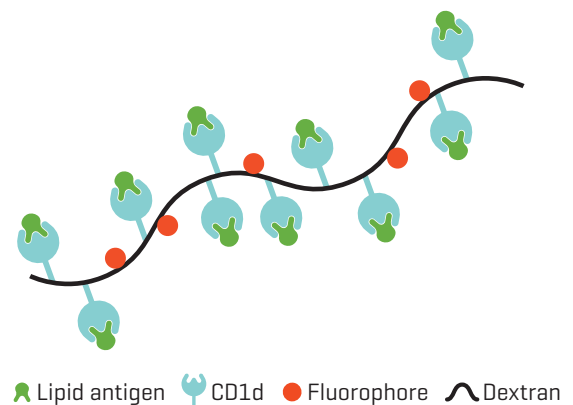


Flow cytometry analyses of iNKT cells in human PBMCs using CD1d/ α -GalCer Dextramer[®] labeled with FITC, PE, and APC fluorophores, respectively

Benefits of CD1d Dextramer[®]

CD1d Dextramer[®] reagents are based on the high-quality Dextramer[®] technology, adapted to shed new light on NKT cells:

- ▮ High-quality, research-ready reagents
- ▮ Interpret obtained data with ease
- ▮ Generate accurate and reproducible results



Product Description

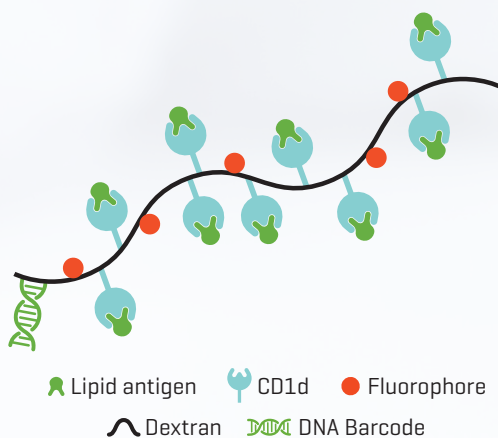
- CD1d Dextramer® reagents contain an optimized number of CD1d- α -GalCer complexes and a choice of fluorophores on a flexible dextran backbone
- CD1d Dextramer® is also available unloaded, without a lipid, which can be used as a negative control for your experiment.
- Available test sizes: 50, 150, 500 or 1000 tests.

CD1D DEXTRAMER®	GLYCOLIPID	FLUOROPHORE
Human CD1d	α -GalCer	BV421, FITC, PE, APC, or none
Mouse CD1d	α -GalCer	BV421, FITC, PE, APC, or none
Human CD1d	Empty	BV421, FITC, PE, APC, or none
Mouse CD1d	Empty	BV421, FITC, PE, APC, or none

Move from Flow Cytometry Down to the Single-Cell Multi-Omics

CD1d Dextramer® is also available as **CD1d dCODE Dextramer®** to identify NKT cells down to the single-cell level.

CD1d dCODE Dextramer® products are available for bulk analysis by NGS (HiT) or single-cell multi-omics using 10x Chromium (10X) or BD Rhapsody™ platforms (RiO).



© Immudex ApS. Denmark, 2024

For research use only. Not for use in diagnostic or therapeutic procedures.
 BV421 is equivalent to Brilliant Violet™ 421, which is a trademark or registered trademark of Becton, Dickinson and Company or its affiliates, and is used under license.