

<b>Product</b>	<p>MHC I Dextramer® Cat. No. Wxxxxxx / Jxxxxxx [fluorochrome] [size] MHC II Dextramer® Cat. No. Fxxxxxx [fluorochrome] [size]</p> <p>MHC Dextramer® reagents consist of a dextran polymer backbone carrying an optimized number of human MHC-peptide complexes and fluorochrome molecules.</p> <p>MHC Dextramer® is available with a broad range of MHC class I and II alleles of human and animal origin: <a href="http://immudex.com/resources/mhc-alleles-list/">immudex.com/resources/mhc-alleles-list/</a></p> <p>MHC Dextramer® is available with the following fluorochromes: APC [AP], BV421, FITC [FI], PE, or without fluorochrome (NONE [NO]).</p> <p>MHC Dextramer® is available in the following sizes: 50, 150, 500, 1000 tests.</p>
<b>Recommended use</b>	<p>MHC Dextramer® is recommended for use in flow cytometry for identification, enumeration and tracing of antigen-specific T cells to investigate cell mediated immune response to infections, tumours or vaccination programs.</p> <p>For research use only. Not for use in diagnostic or therapeutic procedures.</p>
<b>Reagents provided</b>	<p>MHC Dextramer® is provided in buffer containing 1% bovine serum albumin (BSA) and 15 mM NaN<sub>3</sub>, 0.05 M Tris/HCl pH 7.2.</p> <p>MHC Dextramer® is provided in vials containing 50 tests (0.5 mL) and/or vials containing 150 tests (1.5 mL).</p>
<b>Concentration</b>	32 nM
<b>Vials</b>	The product is provided in 2 mL plastic vials with screw caps.
<b>Storage</b>	Store in the dark at 2-8 °C.
<b>Expected Shelf-life</b>	See <a href="http://immudex.com/FAQs">immudex.com/FAQs</a> .
<b>Quality Control</b>	Production of MHC Dextramer® includes multiple in-process quality control checks (see <a href="http://immudex.com/resources/quality">immudex.com/resources/quality</a> ).
<b>Precautions</b>	<p>Contains sodium azide (NaN<sub>3</sub>), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, sodium azide may react with lead and copper, plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing.</p> <p>As with any product derived from biological sources, proper handling procedures should be used.</p> <p>For professional users.</p>
<b>Recommended protocols</b>	Recommended use is 10 µL of MHC Dextramer® per test. 1 test (10 µL) corresponds to the volume recommended to stain 1-3 million PBMCs.

	See "MHC Dextramer® Staining Protocol" ( <a href="http://immudex.com/resources/protocols">immudex.com/resources/protocols</a> ).
<b>SDS</b>	Immudex's products and components are classified as non-hazardous and therefore a Safety Data Sheet (SDS) is not required – please read our <a href="http://immudex.com/resources/safety-documentation">Non-hazard Classification Statement</a> at <a href="http://immudex.com/resources/safety-documentation">immudex.com/resources/safety-documentation</a> .
<b>Symbols</b>	See <a href="http://immudex.com/symbols">immudex.com/symbols</a> .
<b>Technical support</b>	E-mail: <a href="mailto:customer@immudex.com">customer@immudex.com</a> Telephone: +45 3110 9292 (Denmark), +1 (703) 766 4688 (US).
<b>Manufacturer</b>	Immudex, Bredevej 2A, DK-2830 Virum, Denmark.
<b>Trademarks</b>	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. Powered by BD Innovation.
<b>Label License</b>	MHC Dextramer® with BV421 is provided under an intellectual property license from Becton, Dickinson and Company. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in activity to generate revenue including (a) in manufacturing other than limited to quality control; (b) for therapeutic, diagnostic or prophylactic purposes; or (c) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than research, contact Becton, Dickinson and Company, 10975 Torreyana Road, San Diego, California 92121 USA or <a href="mailto:bdblicensing@bd.com">bdblicensing@bd.com</a> .