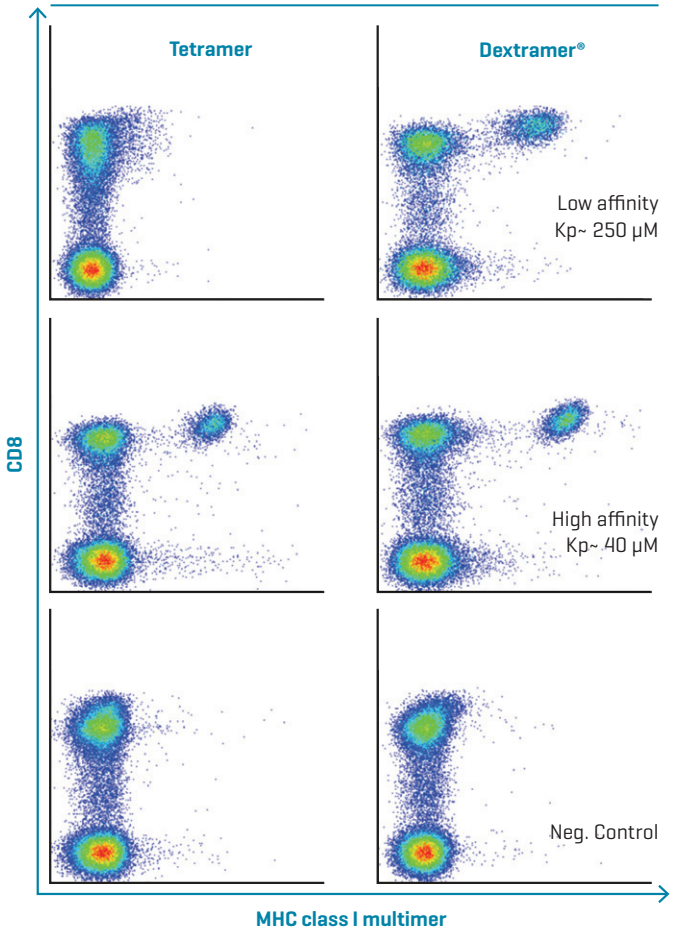
immudex
PRECISION IMMUNE MONITORING

MHC I Dextramer®

Superior Sensitivity in Monitoring Antigen-Specific CD8+ T Cells

MHC I Dextramer® reagents are optimized high-quality MHC class I multimers designed to provide superior sensitivity in monitoring antigen-specific CD8+ T-cell responses by flow cytometry.

Identify Low-Affinity CD8+ T Cells that Other Technologies Miss



Adapted from Dolton *et al.*, Clin Exp Immunol. 2014.

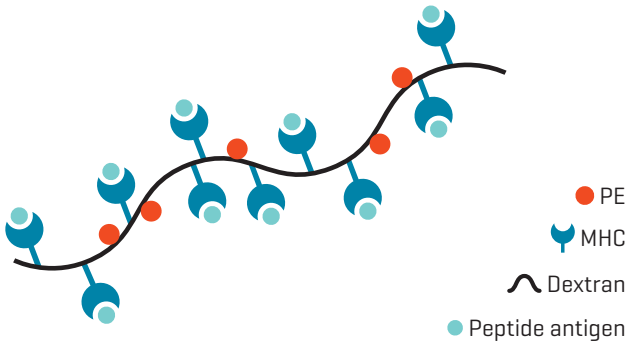
Explore the Diverse Applications of MHC I Dextramer®

- Detect, isolate, and enumerate CD8+ T cells with various TCR affinities
- Discover new epitopes
- Evaluate vaccine efficacy
- Monitor long-term immunity
- Predict side-effects and patients at risk

Benefits of MHC I Dextramer®

An immune response is never made of just one type of T-cell specificity or affinity, but many different ones. With MHC I Dextramer®, you can:

- Get the full spectrum of CD8+ T-cell immune response
- Ensure consistent, reproducible, and comparable results
- Expand the limits of your research
- Secure flexibility in your experiments



- High-quality multimer
- High avidity for CD8+ T cells, also for low-affinity ones
- Enhanced resolution staining
- Minimal lot-to-lot variation

IMMUDEX
www.immudex.com

ORDERING
ordering@immudex.com

CUSTOMER SUPPORT
customer@immudex.com

immudex
PRECISION IMMUNE MONITORING

Expand the Scope of Your Research with the Most Popular MHC I Alleles

To satisfy the diverse research needs, our list of available MHC I alleles is constantly expanding. You can select from >90 available MHC allotypes, including human, mouse, and primates.

Customized Solutions for Your Research

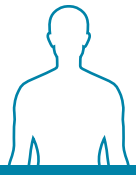
Immudex offers customer-defined MHC I Dextramer® reagents tailored to your needs:

- Clinical-Grade Dextramer® reagents
- New MHC alleles not listed in our catalog
- Customized MHC I Dextramer® with your alleles and peptide of choice

Unravel Disease-Specific Immunity with MHC I Dextramer®

MHC I Dextramer® reagents enable to give a clear picture of the ongoing immune response both in terms of disease progression but also for the monitoring of therapeutic efficacy within different disease areas:

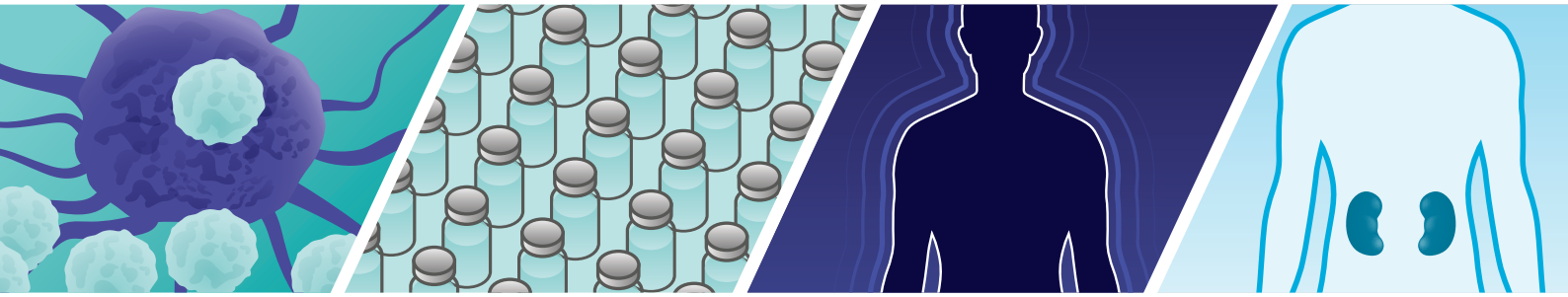
Most Ordered MHC I Alleles



HUMAN			
HLA-A*01:01	HLA-B*13:01	HLA-B*44:02	HLA-C*15:02
HLA-A*02:01	HLA-B*13:02	HLA-B*44:03	HLA-C*16:01
HLA-A*02:03	HLA-B*14:01	HLA-B*46:01	HLA-CW*0304
HLA-A*02:11	HLA-B*14:02	HLA-B*50:01	HLA-CW*0602
HLA-A*02:19	HLA-B*15:01	HLA-B*51:01	
HLA-A*03:01	HLA-B*15:02	HLA-B*52:01	
HLA-A*11:01	HLA-B*15:03	HLA-B*53:01	
HLA-A*23:01	HLA-B*15:09	HLA-B*55:01	
HLA-A*24:02	HLA-B*15:10	HLA-B*56:01	
HLA-A*24:03	HLA-B*18:01	HLA-B*57:01	
HLA-A*24:07	HLA-B*27:02	HLA-B*57:02	
HLA-A*25:01	HLA-B*27:03	HLA-B*57:03	
HLA-A*26:01	HLA-B*27:05	HLA-B*58:01	
HLA-A*26:03	HLA-B*35:01	HLA-B*58:02	
HLA-A*29:02	HLA-B*35:03	HLA-B*81:01	
HLA-A*30:01	HLA-B*35:05	HLA-B*83:01	
HLA-A*30:02	HLA-B*35:08	HLA-C*02:02	
HLA-A*31:01	HLA-B*37:01	HLA-C*03:02	
HLA-A*32:01	HLA-B*38:01	HLA-C*03:03	
HLA-A*33:03	HLA-B*39:01	HLA-C*03:04	
HLA-A*36:01	HLA-B*39:02	HLA-C*04:01	
HLA-A*66:01	HLA-B*39:06	HLA-C*05:01	
HLA-A*68:01	HLA-B*39:10	HLA-C*06:02	
HLA-A*68:02	HLA-B*40:01	HLA-C*07:01	
HLA-A*74:01	HLA-B*41:01	HLA-C*07:02	
HLA-B*07:02	HLA-B*42:01	HLA-C*08:01	
HLA-B*08:01	HLA-B*42:02	HLA-C*14:02	

MOUSE
H2-Db
H2-Dd
H2-Dk
H2-Kb
H2-Kd
H-2 Kk
H2-Ld

PRIMATE
Mamu-A*01
Mamu-A*04
Mamu-A*08
Mamu-B*17



Immuno-oncology | Infectious Disease | Autoimmunity | Transplantation

IMMUDEX
www.immudex.com

ORDERING
ordering@immudex.com

CUSTOMER SUPPORT
customer@immudex.com