

MHC DEXTRAMER®

MHC DEXTRAMER® REAGENTS

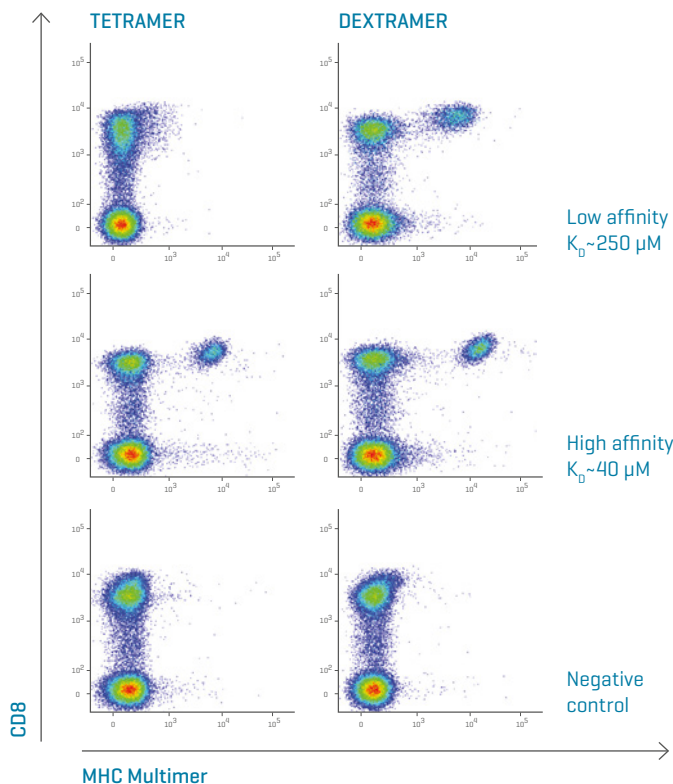
are fluorescence-labeled MHC multimers that are used to detect antigen-specific T cells in blood, cerebral spinal fluid, and tissue sections. The reagents are used for quantification or sorting of antigen-specific T cells in e.g. basic research, vaccine development, and cell therapy, or is used to follow immune reconstitution in immune-deficient patients, e.g. following transplantation.

WE OFFER

- Superior separation of positives from negatives
- Custom-made Dextramer reagents
- FITC, APC or PE label
- Extensive Quality Control
- Reproducibility
- GMP

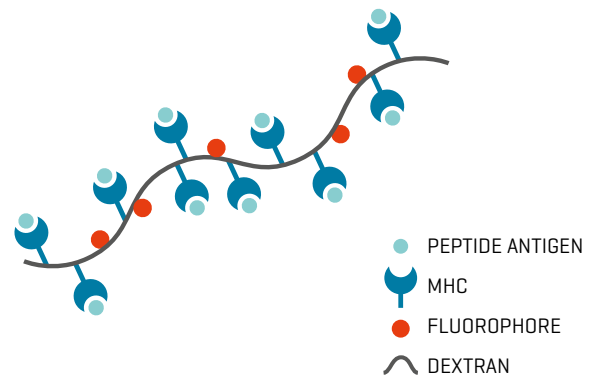
WHY RUN THE UNNECESSARY RISK?

Dextramers® detect T cells that conventional tetramers cannot.



Flow cytometry analysis comparing Dextramers® and Tetramers® for low and high affinity antigens.

MHC DEXTRAMER®



HUMAN ALLELES

HLA-A*0101
HLA-A*0201
HLA-A*0301
HLA-A*1101
HLA-A*2301
HLA-A*2402
HLA-A*2902
HLA-A*6801
HLA-B*0702
HLA-B*0801
HLA-B*2705
HLA-B*3501
HLA-B*4201
HLA-B*4403
HLA-B*5101
HLA-CW*0304
HLA-CW*0602
HLA-B*5701
HLA-B*5703

MURINE ALLELES

H-2 Db
H-2 Dd
H-2 Dk
H-2 Kb
H-2 Kd
H-2 KK
H-2 Ld

MONKEY ALLELES

[Rhesus Macaque]
Mamu-A*01
Mamu-A*04
Mamu-A*08
Mamu-B*17

TOP 30 BEST SELLING DEXTRAMERS

Allele	Peptide	Antigen	Disease / microorganism
H-2 Kb	SIINFEKL	OVA	OVA
H-2 Kb	TSYKFESV	Vaccinia B8 protein precursor	Vaccinia
A*0201	NLVPMVATV	CMV pp65	CMV
H-2 Db	KAVYNFATC	LCMV gp 33-84	LCMV
A*0201	Neg Control	Nonsense	[none]
A*2402	RYLRDQQLL	HIV env	HIV
A*0201	ELAGIGILTV	MART-1	Melanoma
A*0201	GILGFVFTL	Flu matrix protein, H1N1, H3N2, H4N2, H5N1	Influenza
A*0201	SLYNTVATL	HIV gag polyprotein	HIV
A*0201	SLLMWITQC	NY-ESO-1 157-165	Melanoma
A*2402	QYDPVAALF	CMV pp65	CMV
H-2 Db	ASNENMETM	Flu H3N8 np366-374 / H1N1 & H3N2	Influenza
H-2 Db	FQPQNGQFI	LCMV NP 396-404	LCMV
H-2 Db	Abu Abu L Abu LTVFL	Moloney murine sarcoma virus [MoMSV]	Moloney murine sarcoma virus [MoMSV]
A*0201	RMFPNAPYL	WT-1	Lung, prostate, breast, ovarian cancer
A*0201	GLCTLVAML	EBV BMLF1 protein	EBV
A*0201	VLQELNVTV	Proteinase 3 peptide Pr1 169-177	Cancer
A*0101	EVDPIGHLY	MAGE-A3	Melanoma
H-2 Kb	SVYDFVWVW	L-dopachrome tautomerase precursor	Cancer
H-2 Kd	GYAGTLQSL	M. Tuberculosis, ESAT-6-like protein esxH	TB
H-2 Ld	SPSYVYHQF	MLV env	MLV
A*0201	YMDGTMSQV	Tyrosinase	Melanoma
A*2402	SYGVLLWEI	TEK or EGFR	Cancer
H-2 Kb	IMYNYPAM	M. Tuberculosis	TB
A*0201	FLPSDFFPSV	HBV core protein 18-27	HBV
A*0201	IMDQVPFSV	gp100	Melanoma
H-2 Ld	MPVGGQSSF	M. Tuberculosis Ag85A 113-121	TB
H-2 Ld	TPHPARIGL	Beta-gal 240-248	[Model]
A*0201	CINGVCWTV	HCV polyprotein	HCV
A*0201	CLGGLTMV	EBV LMP-2 426-434	EBV

REFERENCE

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