

Product datasheet



sHLA– DRB4*01:01 DRA*01:01

DRB4*0101, DRB40101, DRB4*01, DRB01, DR53
DRA*0101, DRA0101, DRA*01, DRA01

Serological Name	DR53
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	DRB40101

Product Description

Allele Name	DRA*01:01 DRB4*01:01
HLA Class	HLA Class II
HLA Gene Locus	HLA-DR
Alternative Allele Name A Chain	DRA*0101, DRA0101, DRA*01, DRA01
Alternative Allele Name B Chain	DRB4*0101, DRB40101, DRB4*01, DRB01, DR53
Description	Recombinant, truncated Class II soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	DR53
Serological Split	–
Allele Frequency [World Population]	
A chain	–
B chain	–

Associated products

[DRB40101bio](#)
[DRB40101pe](#)

Product Specification

Product name	HLA-DRB4*01:01
HLA Species	Human
Host Cell Line Species	Mouse
Clone Designation	EP299-SSC-A3
Tail Specification	ZP
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
Complexity	Monomer
Protein Format	Recombinant, truncated, zipper-stabilized, soluble, non-modified, non-labeled, endogenously loaded
Storage Temperature	4°C (This product should be stored undiluted)
Form	Liquid
Concentration	1000.0 µg/ml
Formulation	PBS/0.02% Sodium Azide
pH	7.4
Purification Method	Affinity Chromatography
Grade	Research Use Only [RUO]
Authentication Verification	Sequence Based Typing

Protein Sequences

Alpha Chain Sequence	IKEEHVIIQA EFYLNPDQSG EFMDFDGDGE IFHVDMAKKE TVWRLEEFGR FASFEAQGAL ANIAVDKANL EIMTKRSNYT PITNVPPEVT VLTNSPVELR EPNVLICFID KFTPPVNVNT WLRNGKPVTT GVSETVFLPR EDHLFRKFHY LPFLPSTEDV YDCRVEHWGL DEPLLKHWEF DAPSPLPETT EVDGGGGGAQ LEKELQALEK ENAQLEWELQ ALEKELAQ
Beta Chain Sequence	GDTQPRFLEQ AKCECHFLNG TERVWNLIRY IYNQEEYARY NSDLGEYQAV TELGRPDAEY WNSQKDLLER RRAEVDITYCR YNYGVVESFT VQRRVQPKVT VYPSKTQPLQ HHNLLVCSVN GFYPGSIEVR WFRNSQEEKA GVVSTGLIQN GDWTFQTLVM LETVPRSGEV YTCQVEHPSM MSPLTVQWSA RSESAQSKVD GGGGGAQLKK KLQALKKKNA QLKWKLQALK KKLAQ

Related Products

[DRB40103](#)
[DRB11101](#)
[DRB10701](#)
[DRB11501](#)

Applications

HLA Sandwich ELISAs
HLA Direct ELISAs
HLA-Sera Antibody Assays
HLA Controls in ELISA Assays
HLA Assay Standards
HLA Blocking Assays
HLA Neutralizing Assays
HLA Competition Assays
HLA Bead Assays
HLA Immunization Procedures

Recommended Antibodies

L243

Allele Frequency

Worldwide Allele Frequency



Please note:

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For more information, please visit our Policies section on our website. For licensing inquiries, please contact

licensing@hlaprotein.com

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Eplet Assignments

DRB4*01:01

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