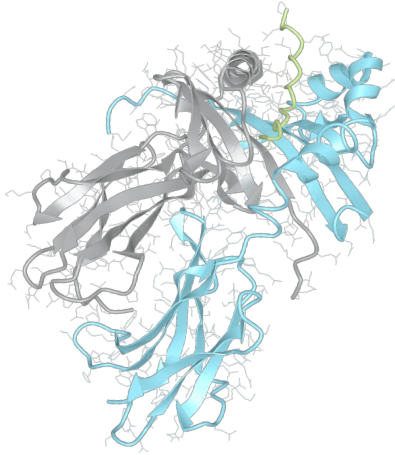


Product datasheet



sHLA– DRB1*15:02bio DRA*01:01bio

DRB1*1502, DRB11502, DRB1*15, DRB15, DR15
DRA*0101, DRA0101, DRA*01, DRA01

Serological Name	DR15
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	DRB11502bio

Product Description

Allele Name	<p>DRA*01:01</p> <p>DRB1*15:02</p>
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	DRB1*1502, DRB11502, DRB1*15, DRB15, DR15
Description	Recombinant, truncated Class II soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	DR15
Serological Split	DR2
Allele Frequency [World Population]	
A chain	-
B chain	5.3%

Associated products

[DRB11502](#)
[DRB11502pe](#)

Product Specification

Product name	HLA-DRB1*15:02bio
HLA Species	Human
Host Cell Line Species	Mouse
Clone Designation	B12
Tail Specification	ZP
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
Complexity	Monomer
Protein Format	Recombinant, truncated, zipper-stabilized, soluble, non-modified, biotinylated, endogenously loaded
Storage Temperature	4°C (This product should be stored undiluted)
Form	Liquid
Concentration	300.0 µg/µl
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	<p>IKEEHVIIQA EFYLNPDQSG EFMDFDGDGE IFHVDMASSE TVWRLEEFGR FASFEAQGAL ANIAVDKANL EIMTKRSNYT PITNVPPEVT VLTNSPVELR EPNVLICFID KFTPPVVNVV WLRNGKPVTT GVSETVFLPR EDHLFRKFHY LPFLPSTEDV YDCRVEHWGL DEPLLKHWEF DAPSPLPETT EVDGGGGGAQ LEKELQALEK ENAQLEWELQ ALEKELAQ</p>
Beta Chain Sequence	<p>GDTRPRFLWQ PKRECHFFNG TERVRFLDRY FYNQEEVRF DSDVGEFRAV TELGRPDAEY WNSQKDILEQ ARAAVDTYCR HNYGVGESFT VQRRVQPKVT VYPSKTQPLQ HHNLLVCSVS GFYPGSIEVR WFLNGQEKA GMVSTGLIQN GDWTFQTLVM LETVPRSGEV YTCQVEHPSV TSPLTVEWRA RSESAQSKVD GGGGAQLKK KLQALKKKNA QLKWKLQALK KKLAQ</p>

Related Products

[DRB11501bio](#)
[DRB11503bio](#)
[DRB11101bio](#)
[DRB11501bio](#)

Applications

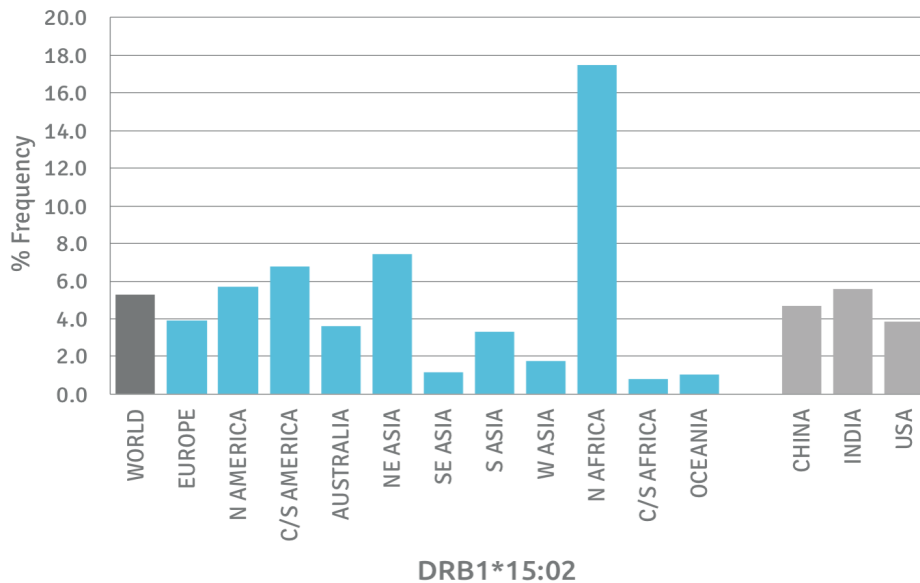
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

L243

Allele Frequency

Worldwide Allele Frequency



Please note:

ALL PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR COMMERCIAL USE IN DIAGNOSTIC PROCEDURES.
 For more information, please visit our Policies section on our website. For licensing inquiries, please contact

licensing@hlaprotein.com

 HLA Protein
PURE PROTEIN LLC

Eplet Assignments

DRB1*15:02

Eplet	Polymorphic Residues	Antibody Reactivity
4R	4R	Yes
16H	16H	
25R	25R	Yes
26F	26F	
28D	28D	
31F	31F	
31FY	31F32Y	
32Y	32Y	
32YN	32Y33N	
33N	33N	
37S	37S38V	
38V	38V	
40F	40F41D	
47F	47F48R	Yes
57D	57D60Y	
57DA	57D58A60Y	
58A	58A	
58AY	58A60Y	
60Y	60Y	
67I	67I	
70Q	70Q	
70QA	70Q73A	
70QT	70Q77T	Yes
71A	70Q71A73A	
73A	73A77T	Yes
74A	73A74A77T	
77T	77T	Yes
77TY	77T78Y	
78Y	78Y	
85V	85V	
86G	85V86G	
96Q	96Q	
98K	98K	
98KS	98K120S	
108P	105K108P	
112H	112H	
120S	120S	
140A	140A	
142M	142M	Yes
149Q	149Q	
180V	180V	
180VTP	180V181T183P	
181T	181T	
189R	187E189R	

