

Product datasheet



sHLA-A*24:03bio

A*2403, A2403, A*24, A24, A2403

Serological Name	A2403
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	A2403bio

Product Description

Allele Name	A*24:03 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-A
Alternative Allele Name A Chain	A*2403, A2403, A*24, A24, A2403
Alternative Allele Name B Chain	-
Description	Recombinant, truncated Class I soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	A2403
Serological Split	A24
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	NLRIALR
Allele Frequency [World Population]	
A chain	0.7%
B chain	-

Associated products

[A2403](#)
[A2403pe](#)

Product Specification

Product name	HLA-A*24:03bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	D2
Tail Specification	VLDL
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
Complexity	Monomer
Protein Format	Recombinant, truncated, 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	GSHSMRYFST SVSRPGRGEP RFIAVGYVDD TQFVRFSDSA ASQRMEPRAP WIEQEGPEYW DEETGKVKAH SQTRENLR I ALRYYNQSEA GSHTLQMMFG CDVGS DGRFL RGYHQYAYDG KDYIALKEDL RSWTAADMAA QITKKRWEAA HVAEQRAYL EGTTCVEWLR YLENGKETLQ RTDPPKTHMT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWA AVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWRDRM

Related Products

[A2402bio](#)
[A2407bio](#)
[A2301bio](#)
[A0201bio](#)

Applications

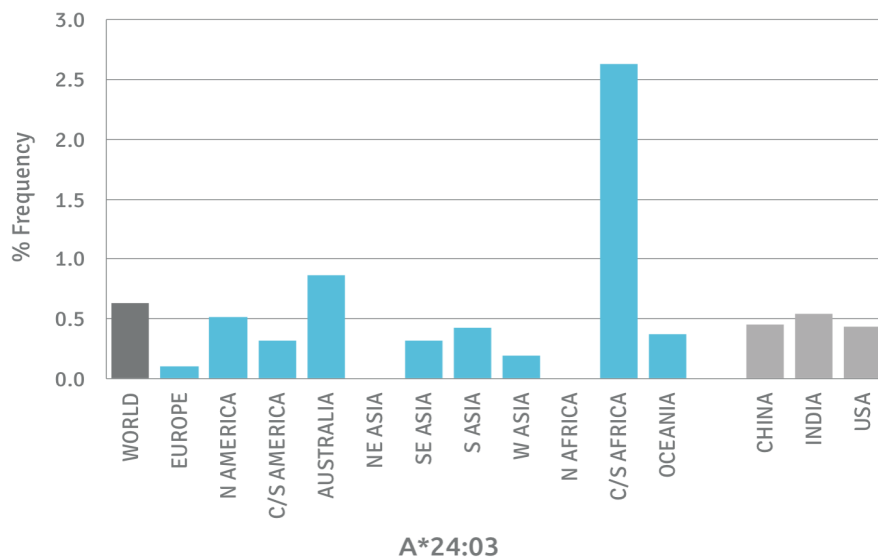
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

W6/32
 Anti-B2m

Allele Frequency

Worldwide Allele Frequency



Please note:

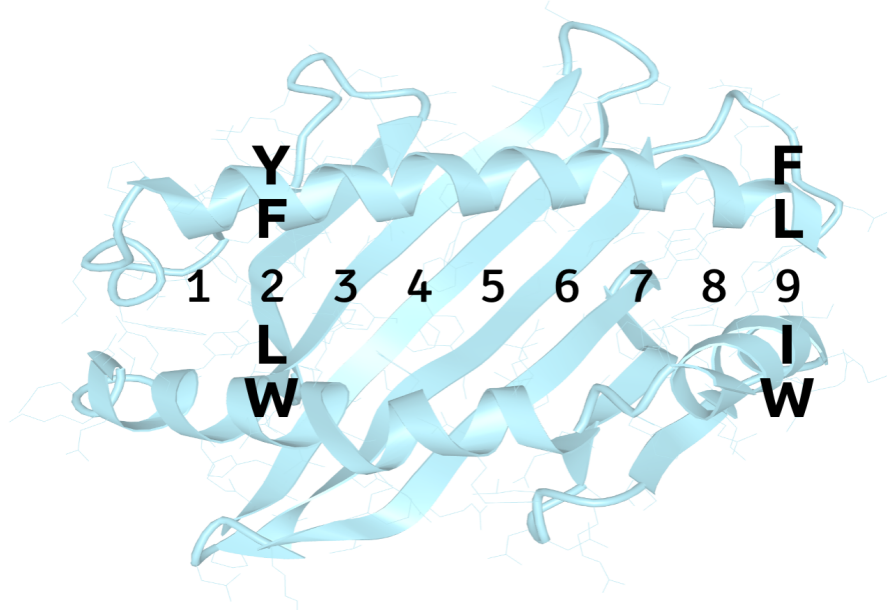
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Motif

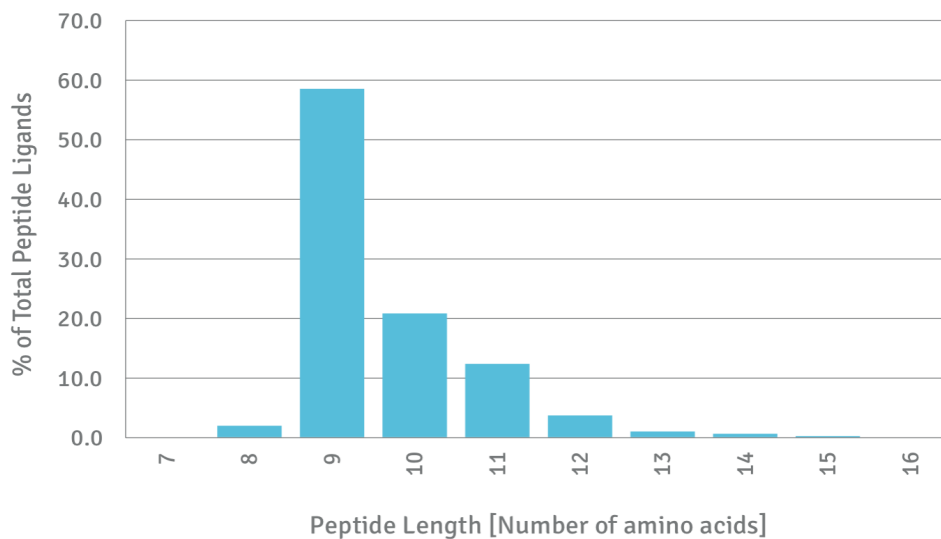
A*24:03 BINDING MOTIF



Length Distribution

HLA Length Distribution

A*24:03



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Eplet Assignments

A*24:03

Eplet	Polymorphic Residues	Antibody Reactivity
9S	9S	
44RM	44R45M	
44RME	44R45M46E(67V)	
62EE	62E63E	Yes
65GK	65G66K	Yes
66K	66K	
66KA	66K69A	
66KH	66K70H	
71HS	70H71S	
76EN	76E77N	
77N	77N	
80I	80I	Yes
81ALR	81A82L83R	
82LR	82L83R	Yes
95L	95L	
97M	97M	
99F	99F	
105S	105S	
109F	109F	
114H	114H	
116Y	116Y	
127K	127K	Yes
138MI	138M142I	Yes
144K	144K	Yes
144KR	144K145R	Yes
149AH	149A151H	
150AAH	149A150A151H	Yes
150AH	150A151H	
151AHV	150A151H152V	
151H	151H	
152V	152V	
156QA	156Q158A	
163T	163T	
193PI	193P194I	