

Product datasheet



sHLA-A*34:02

A*3402, A3402, A*34, A34, A34

Serological Name	A34
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	A3402

Product Description

Allele Name	A*34:02 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-A
Alternative Allele Name A Chain	A*3402, A3402, A*34, A34, A34
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	A34
Serological Split	A10
Bw4/Bw6 Assignment	-
Bw4/Bw6 Sequence	-
Allele Frequency [World Population]	
A chain	1.00%
B chain	-

Associated products

[A3402bio](#)
[A3402pe](#)

Product Specification

Product name	HLA-A*34:02
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	C4
Tail Specification	VLDL
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
Complexity	Monomer
Protein Format	Recombinant, truncated, 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	GSHSMRYFYT SVSRPGRGEP RFIAVGYVDD TQFVRFSDSA ASQRMEPRAP WIEQEGPEYW DRNTRNVKAQ SQTDRVDLGT LRGYYNQSED GSHTIQIMYG CDVGS DGRFL RGYRQDAYDG KDYIALNEDL RSWTAADMAA QITQRK WETA HEAEQLRAYL EGTTCVEWLR R YLENGKETLQ RTDAPKTHMT HHAVSDHEAT LRCWALSFP YP AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWASVVVP SGQEQR YTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWRDRM

Related Products

[A3401](#)
[A0201](#)
[A0301](#)
[B0702](#)

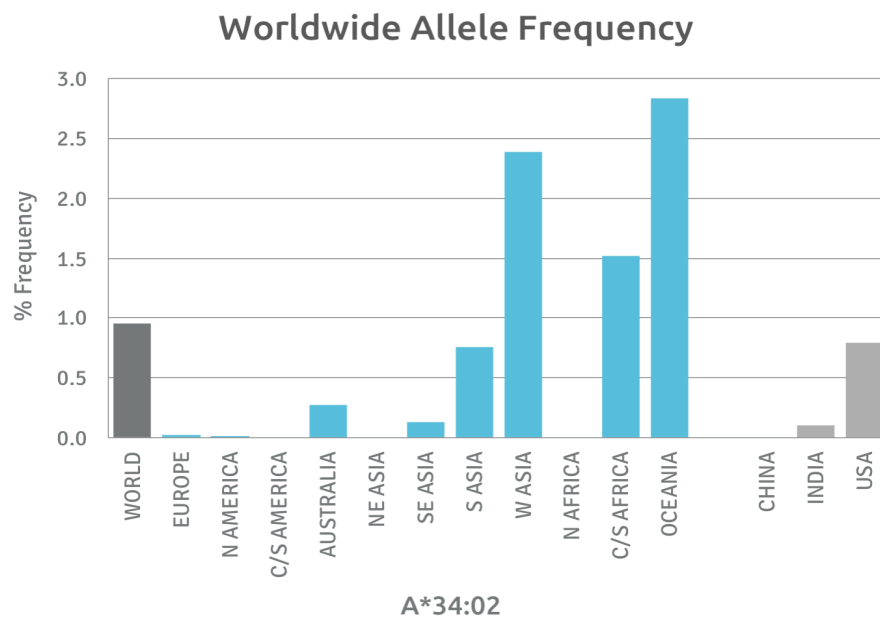
Applications

- 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



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Motif

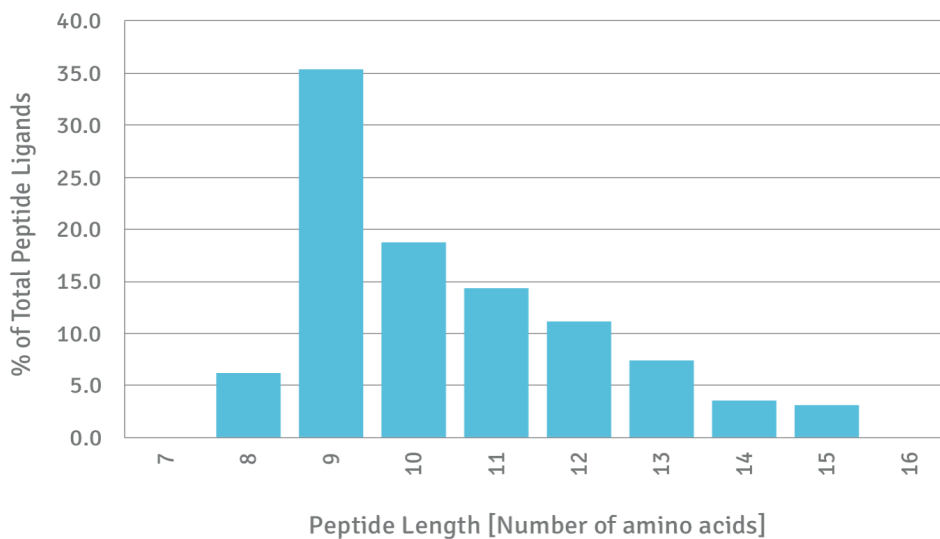
A*34:02 BINDING MOTIF



Length Distribution

HLA Length Distribution

A*34:02



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Eplet	Polymorphic Residues	Antibody Reactivity
9Y	9Y	
44RM	44R45M	
44RME	44R45M46E(67V)	
62RN	62R63N	
62RR	62R65R	Yes
65RA	65R69A	
65RNA	65R66N69A	Yes
66N	66N	
66NV	66N67V	
71QS	70Q71S	
76VDT	76V77D80T	
77D	77D	
79GT	79G80T	Yes
80T	80T	
80TL	80T81L	
90D	90D	Yes
95I	95I	
97I	97I	
99Y	99Y	
105S	105S	
109F	109F	
114R	114R	
116D	116D	
138MI	138M142I	Yes
145RT	145R149T	Yes
149TAH	149T150A151H	Yes
150AH	150A151H	
151AHE	150A151H152E	
151H	151H	
152E	152E	
156L	156L	
163T	163T	
184A	184A	
193AV	193A194V	
194V	194V	
207S	207S	
245AS	245A246S	
253Q	253Q	Yes

