

Product datasheet



sHLA-B*55:01bio

B*5501, B5501, B*55, B55, B55

Serological Name	B55
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	B5501bio

Product Description

Allele Name	B*55:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*5501, B5501, B*55, B55, B55
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	B55
Serological Split	B22
Bw4/Bw6 Assignment	Bw6
Bw4/Bw6 Sequence	SLRNLRG
Allele Frequency [World Population]	
A chain	1.4%
B chain	-

Associated products

[B5501](#)
[B5501pe](#)

Product Specification

Product name	HLA-B*55:01bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	C9
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	GSHSMRYFYT AMSRPGRGEP RFIAVGYVDD TQFVRFSDSA ASPREEPRAP WIEQEGPEYW DRNTQIYKAQ AQTDRSLRN LRGYYNQSEA GSHTWQTMYG CDLGPDRLL RGHNQLAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA REAEQLRAYL EGTCVEWLR R YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDR T FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWRDRM

Related Products

[A0201bio](#)
[A0301bio](#)
[A2402bio](#)
[B0702bio](#)

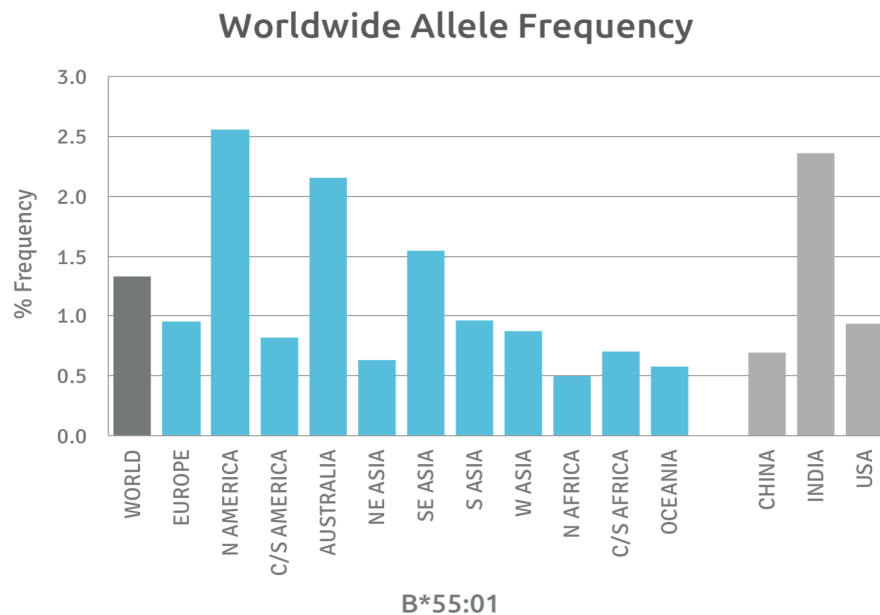
Applications

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



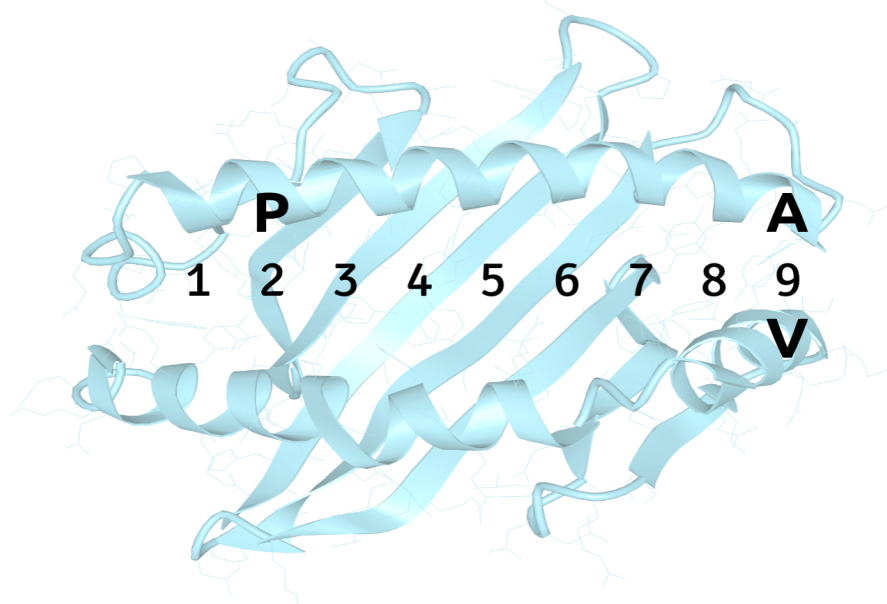
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Motif

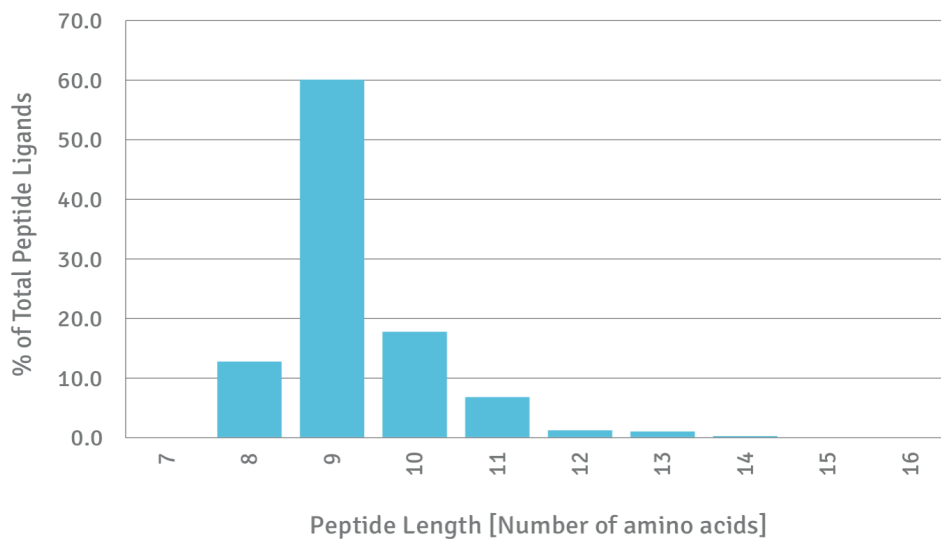
B*55:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*55:01



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