

Product datasheet

sHLA-B*47:01bio

B*4701, B4701, B*47, B47, B47



Serological Name	B47
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	B4701bio

Product Description

Allele Name	B*47:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*4701, B4701, B*47, B47, B47
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	B47
Serological Split	-
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	DLRTLRL
Allele Frequency [World Population]	
A chain	0.4%
B chain	-

Associated products

[B4701](#)
[B4701pe](#)

Product Specification

Product name	HLA-B*47:01bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	F2C4
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 RFITVGYVDD TLFVRFSDSA TSPRKEPRAP WIEQEGPEYW DRETQISKTN TQTYREDLRT LLRYNQSEA GSHTLQRMFG CDVGPDRLL RGYHQDAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA RVAEQLRAYL EGECVEWLRR YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWDRDM

Related Products

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

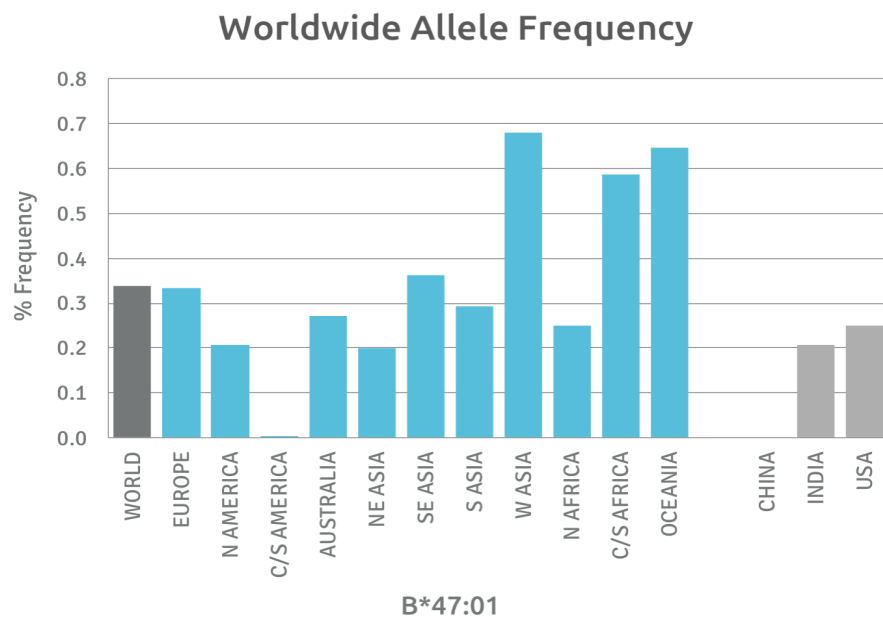
Applications

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



Please note:

ALL PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR COMMERCIAL USE IN DIAGNOSTIC PROCEDURES.

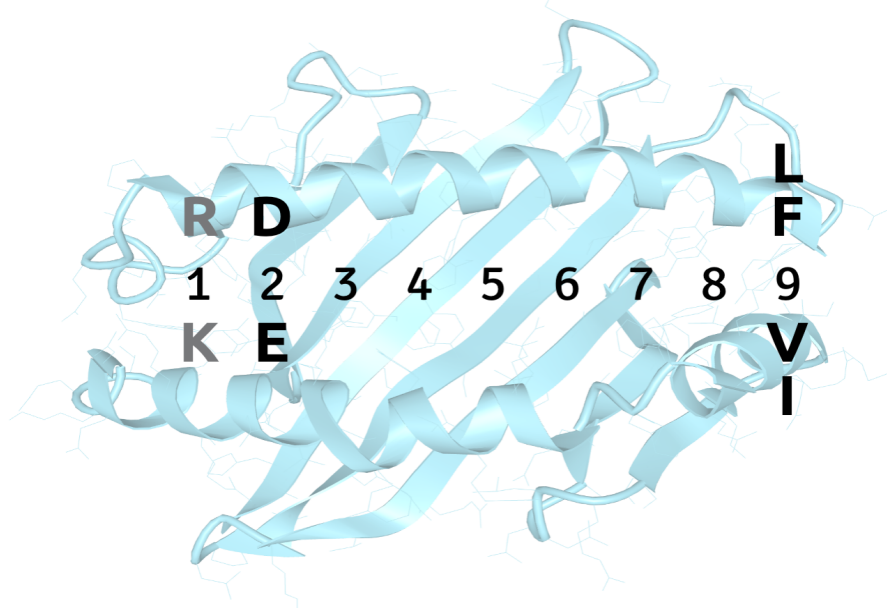
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 HLA Protein
PURE PROTEIN, LLC

Motif

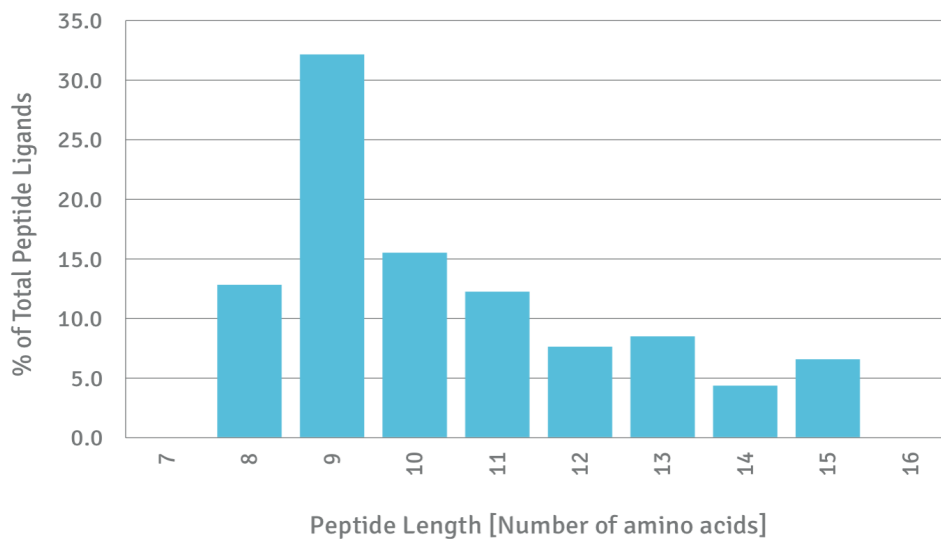
B*47:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*47:01



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