

Product datasheet



sHLA– DPB1*18:01bio DPA1*01:05bio

DPB1*1801, DPB11801, DPB1*18, DPB18
DPA1*0105, DPA10105, DPA1*01, DPA01

Serological Name	-
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	DPB11801/DPA10105bio

Product Description

Allele Name	DPA1*01:05 DPB1*18:01
HLA Class	HLA Class II
HLA Gene Locus	HLA-DP
Alternative Allele Name A Chain	DPA1*0105, DPA10105, DPA1*01, DPA01
Alternative Allele Name B Chain	DPB1*1801, DPB11801, DPB1*18, DPB18
Description	Recombinant, truncated Class II soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	-
Serological Split	-
Allele Frequency [World Population]	
A chain	0.4%
B chain	2.0%

Associated products

[DPB11801/DPA10105](#)
[DPB11801/DPA10105pe](#)

Product Specification

Product name	HLA-DPB1*18:01/DPA1*01:05bio
HLA Species	Human
Host Cell Line Species	Mouse
Clone Designation	F11
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	IKADHVSTYA AFVQTHRPTG EFMFEFDEDE MFYVDLDKKE TVWHLEEFQ AFSFEAQGGL ANIAILNNL NTLIQRSNHT QAANDPPEVT VFPKEPVELG QPNTLICHID KFFPPVLNVT WLCNGELVTE GVAESLFLPR TDYSFHKFHY LTFVPSAEDF YDCRVEHWGL DQPLLKHWEA QEPIQMPETT EVDGGGGGAQ LEKELQALEK ENAQLEWELQ ALEKELAQ
Beta Chain Sequence	RATPENYVYQ GRQECYAFNG TQRFLERYIY NREEFVRFDS DVGEFRAVTE LGRPDEEYWN SQKDILEEKR AVPDRMCRHN YELVGPMTLQ RRVQPKVNVS PSKKGPLQHH NLLVCHVTDF YPGSIQVRWF LNGQEETAGV VSTNLIRNGD WTFQILVMLE MTPQQGDVYI CQVEHTSLDS PVTVEWKAQS DSARSKVDGG GGAQLKKKL QALKKKNAQL KWKLQALKKK LAQ

Related Products

[DPB10501/DPA10202bio](#)
[DPB10401/DPA10201bio](#)
[DPB10402/DPA10103bio](#)
[DPB10201/DPA10103bio](#)

Applications

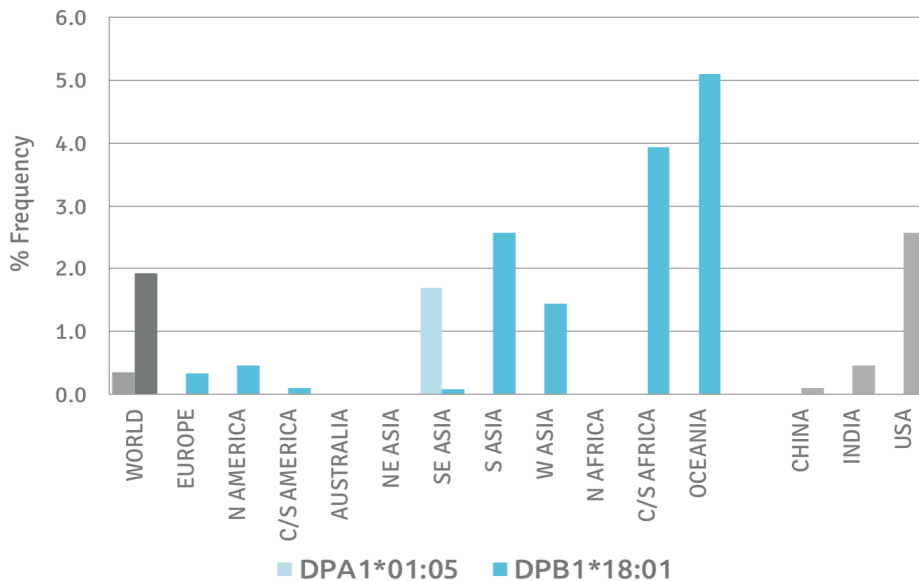
- HLA Sandwich ELISAs
- HLA Direct ELISAs
- HLA-Sera Antibody Assays
- HLA Controls in ELISA Assays
- HLA Assay Standards
- HLA Blocking Assays
- HLA Neutralizing Assays
- HLA Competition Assays
- HLA Bead Assays
- HLA Immunization Procedures

Recommended Antibodies

-

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

