

Product datasheet



sHLA– DPB1*03:01bio DPA1*01:04bio

DPB1*0301, DPB10301, DPB1*03, DPB03
DPA1*0104, DPA10104, DPA1*01, DPA01

Serological Name	-
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	DPB10301/DPA10104bio

Product Description

Allele Name	DPA1*01:04 DPB1*03:01
HLA Class	HLA Class II
HLA Gene Locus	HLA-DP
Alternative Allele Name A Chain	DPA1*0104, DPA10104, DPA1*01, DPA01
Alternative Allele Name B Chain	DPB1*0301, DPB10301, DPB1*03, DPB03
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	0.5%
B chain	6.2%

Associated products

[DPB10301/DPA10104](#)
[DPB10301/DPA10104pe](#)

Product Specification

Product name	HLA-DPB1*03:01/DPA1*01:04bio
HLA Species	Human
Host Cell Line Species	Mouse
Clone Designation	B10B11
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 EFMFEFDDDE MFYVDLDKKE TVWHLEEFQ AFSFEAQGGL ANIAILNNL NTLIQRSNHT QATNDPPEVT VFPKEPVELG QPNTLICHID KFFPPVLNVT WLCNGELVTE GVAESLFLPR TDYSFHKFHY LTFVPSAEDF YDCRVEHWGL DQPLLKHWEA QEPIQMPETT EVDGGGGGAQ LEKELQALEK ENAQLEWELQ ALEKELAQ
Beta Chain Sequence	RATPENYVYQ LRQECYAFNG TQRFLERYIY NREEFVRFDS DVGEFRAVTE LGRPDEDYWN SQKDLLEEKR AVPDRVCRHN YELDEAVTLQ RRVQPKVNVS PSKKGPLQHH NLLVCHVTDF YPGSIQVRWF LNGQEETAGV VSTNLIRNGD WTFQILVMLE MTPQQGDVYI CQVEHTSLDS PVTVEWKAQS DSARSKVDGG GGGAQLKKKL QALKKKNAQL KWKLQALKKK LAQ

Related Products

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

Applications

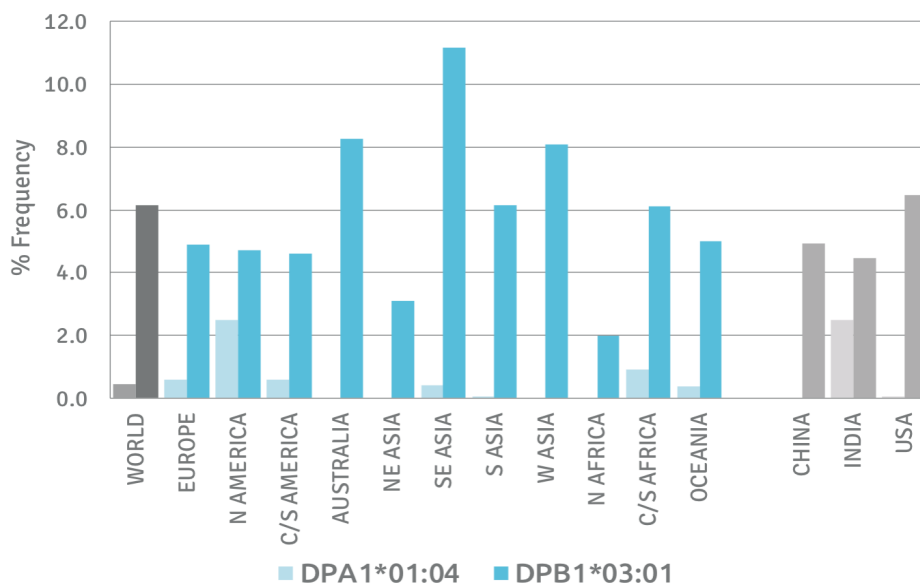
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

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Allele Frequency

Worldwide Allele Frequency



Please note:

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