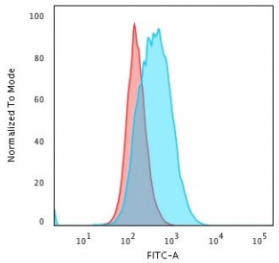
HLA-DPB1 Antibody (MHC II) [clone SPM421] (V2579)

Catalog No.	Formulation	Size
V2579-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2579-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2579SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (2)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	SPM421
Purity	Protein G affinity chromatography
UniProt	P04440
Localization	Cell surface
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Flow Cytometry : 1-2ug/10^6 cells
Limitations	This HLA-DPB1 antibody is available for research use only.



Flow cytometry testing of human Raji cells with HLA-DPB1 antibody (clone SPM421); Red=isotype control, Blue= HLA-DPB1 antibody.

Description

Recognizes a non-polymorphic determinant of DP-MHC class II. MHC class II antigens are transmembrane glycoproteins of non-covalently linked alpha (33-35kDa) and beta (27-30kDa) chains. It reportedly reacts with B- & non-T, non-B cell lines but not with T- and myeloid cell lines and leukemias. Differential expression of MHC class II antigens on fetal and adult lymphocytes, malignant B cells appears to reflect the stage of cell differentiation which may be useful in the study of lymphoproliferative disorders.

Application Notes

Optimal dilution of the HLA-DPB1 antibody should be determined by the researcher.

Immunogen

Non-T, non-B human acute lymphoblastic leukemia REH6 cell line was used as the immunogen for the HLA-DPB1 antibody.

Storage

Store the HLA-DPB1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).