

36-2479: Anti-HLA-DP (MHC II) Monoclonal Antibody(Clone: SPM421)

Clonality :	Monoclonal
Clone Name :	SPM421
Application :	ELISA,FACS,IF
Reactivity :	Human
Gene :	HLA-DPB1
Gene ID :	3115
Uniprot ID :	P04440
Alternative Name :	HLA class II histocompatibility antigen DP alpha 1 chain; HLA DP1A; HLA SB alpha chain; HLADP; HLADPA1; HLAB; HLAB histocompatibility type; Human MHC class II HLA SB alpha; Major histocompatibility complex class II DP alpha 1; MHC class II DP3 alpha; MHC class II DPA1; PLT1; Primed lymphocyte test 1
Isotype :	Mouse IgG2b, kappa
Immunogen Information :	Non-T, non-B human acute lymphoblastic leukemia REH6 cell line

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order antibody without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

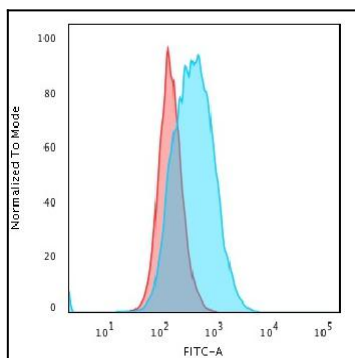


Fig. 1: Flow Cytometric Analysis of Human Raji cells using HLA-DP (MHC II) Monoclonal Antibody (SPM421) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).