

Datasheet for ABIN6937401 **anti-HLA-DPB1 antibody**



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Overview

Quantity:	100 µg
Target:	HLA-DPB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DPB1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF), Coating (Coat)

Product Details

Immunogen:	Non-T, non-B human acute lymphoblastic leukemia REH6 cell line
Clone:	BRA-FB6
Isotype:	IgG2b kappa
Specificity:	Recognizes a non-polymorphic determinant of DP-MHC class II. MHC class II antigens are transmembrane glycoproteins of non-covalently linked alpha (33-35 kDa) and beta (27-30 kDa) 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.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	HLA-DPB1
Alternative Name:	HLA-DPB1 (HLA-DPB1 Products)
Background:	HLA class II histocompatibility antigen DP alpha 1 chain, HLA DP1A, HLA SB alpha chain, HLADP, HLADPA1, HLASB, HLASB 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,HLA-DP (MHC II) Cellular localisation: Cell surface
Molecular Weight:	33-35kDa
Gene ID:	3115, 347270
UniProt:	P04440
Pathways:	TCR Signaling , Cancer Immune Checkpoints , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	Known_Application: ELISA (For coating use Ab at 2-4 µg/mL, order Ab without BSA), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Optimal dilution for a specific application should be determined. Positive_Control: Raji cells. Tonsil or lymph node.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months