

Datasheet for ABIN6654370 **anti-HLA-DPB1 antibody**

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Overview

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

Product Details

Immunogen:	Non-T, non-B human acute lymphoblastic leukemia REH6 cell line was used as the immunogen for the recombinant HLA-DPB1 antibody.
Clone:	HLA-DPB1-2862R
Isotype:	IgG kappa
Purification:	Purified
Purity:	Protein A affinity chromatography

Target Details

Target:	HLA-DPB1
Alternative Name:	HLA-DPB1 (MHC II) (HLA-DPB1 Products)
Background:	Recognizes a non-polymorphic determinant of DP-MHC class II. MHC class II antigens are

Target Details

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.

Pathways: [TCR Signaling](#), [Cancer Immune Checkpoints](#), [Human Leukocyte Antigen \(HLA\) in Adaptive Immune Response](#)

Application Details

Application Notes: Optimal dilution of the recombinant HLA-DPB1 antibody should be determined by the researcher.\. Flow Cytometry: 1-2 µg/million cells in 0.1ml,Immunofluorescence: 1-2 µg/mL

Restrictions: For Research Use only

Handling

Buffer: 0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store the recombinant HLA-DPB1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).