

Datasheet for ABIN6296735 **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:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Mouse anti-Human HLA-DPB1 Antibody (MHC II) [Sodium Azide Free]
Immunogen:	Non-T, non-B human acute lymphoblastic leukemia REH6 cell line was used as the immunogen for the HLA-DPB1 antibody.
Specificity:	Cell surface
Purification:	Non-T, non-B human acute lymphoblastic leukemia REH6 cell line was used as the immunogen for the HLA-DPB1 antibody.

Target Details

Target:	HLA-DPB1
Alternative Name:	HLA class II histocompatibility antigen, DP beta 1 chain (HLA-DPB1 Products)
Background:	Target Description: 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

Target Details

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.

Gene Symbol: HLA-DPB1///HLA-DP1B

Gene ID:	3115
UniProt:	P04440
Pathways:	TCR Signaling , Cancer Immune Checkpoints , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 0.5-1 µg/mL Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 min at RT (1)
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.