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anti-HLA-DPB1 antibody

Images



Overview

Purification:

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	
lmmunogen:	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.

Purified by Protein A/G

Target Details

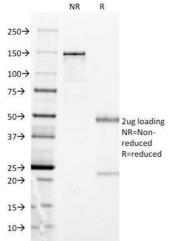
Target:	HLA-DPB1
Alternative Name:	HLA-DPB1 (HLA-DPB1 Products)
Molecular Weight:	33-35kDa
Gene ID:	3115
UniProt:	P04440
Pathways:	TCR Signaling, Cancer Immune Checkpoints, Human Leukocyte Antigen (HLA) in Adaptive Immune Response

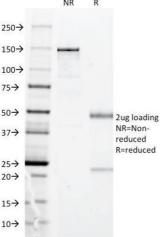
Application Details

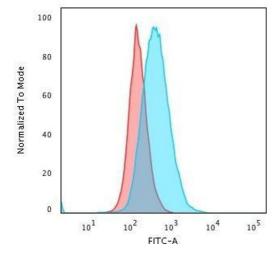
Application Notes:	Positive Control: Raji cells. Tonsil or lymph node.
	Known Application: ELISA (For coating use Ab at 2-4 µg/mL, order Ab without BSA), Flow
	Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Optimal dilution for a
	specific application should be determined.
Restrictions: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

Handling

Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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,-80 °C
Storage Comment:	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. No MSDS required.
Expiry Date:	24 months







SDS-PAGE

Image 1. SDS-PAGE Analysis Purified HLA-DP Mouse Monoclonal Antibody (BRA-FB6). Confirmation of Integrity and Purity of Antibody.

Flow Cytometry

Image 2. Flow Cytometric Analysis of PFA-fixed Raji cells. HLA-DP Mouse Monoclonal Antibody (BRA-FB6) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).