

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-2478: Anti-HLA-DP (MHC II) Monoclonal Antibody(Clone: BRA-FB6)

Clonality: Monoclonal Clone Name: **BRA-FB6** Application: ELISA, FACS, IF

Reactivity: Human Gene: HLA-DPB1 Gene ID: 3115 **Uniprot ID:** P04440

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; **Alternative Name:** 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: $20 \mu g / 100 \mu g$

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with Content:

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is Storage condition:

stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating use Ab at 2-4ug/ml, order Ab without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

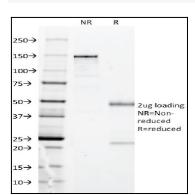


Fig. 1: SDS-PAGE Analysis Purified HLA-DP Mouse Monoclonal Antibody (BRA-FB6). Confirmation of Integrity and Purity of Antibody.



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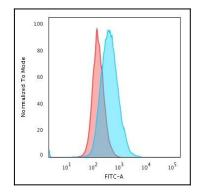


Fig. 2: Flow Cytometric Analysis of PFA-fixed Raji cells. HLA-DP Mouse Monoclonal Antibody (BRA-FB6) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).