

## HLA-DPB1 Antibody (MHC II) [clone BraFB6] (V2578)

| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V2578-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V2578-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V2578SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |



Citations (10)

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|                    |  |
|--------------------|--|
| Availability       | 1-3 business days  |
| Species Reactivity | Human  |
| Format             | Purified   |
| Host               | Mouse  |
| Clonality          | Monoclonal (mouse origin)  |
| Isotype            | Mouse IgG2b, kappa   |
| Clone Name         | BraFB6   |
| Purity             | Protein G affinity chromatography  |
| UniProt            | P04440   |
| Localization       | Cell surface   |
| Applications       | ELISA : 2-4ug/ml for coating (order BSA/sodium azide-free format)<br>Flow Cytometry : 1-2ug/10 <sup>6</sup> cells<br>Immunofluorescence : 1-2ug/ml |
| Limitations        | This HLA-DPB1 antibody is available for research use only.   |



## 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.

## Application Notes

Optimal dilution of the HLA-DPB1 antibody should be determined by the researcher.

1. Staining of formalin/paraffin tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.

## Immunogen

Non-T, non-B human acute lymphoblastic leukemia REH6 cell line was used as the immunogen for the HLA-DPB1 antibody.

## Storage

Store the HLA-DPB1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).