



## Datasheet for ABIN6153376 anti-HLA-DP beta antibody



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### 1 Image

#### Overview

Quantity:	50 µL
Target:	HLA-DP beta
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DP beta antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

#### Product Details

Purpose:	Mouse Monoclonal anti-MHC-II (HLA-DP beta chain) (Bra-14), Purified, BSA-free
Immunogen:	Human REH cells
Clone:	Bra-14
Isotype:	IgG3 kappa
Characteristics:	This antibody recognizes a common epitope of human major histocompatibility (MHC) class II antigens, HLA-DR and DP. Human MHC class II antigens are transmembrane glycoproteins composed of an chain (36 kDa) and a chain (27 kDa). They are expressed primarily on antigen presenting cells such as B lymphocytes, monocytes, macrophages, and thymic epithelial cells and are also present on activated T lymphocytes. Human MHC class II genes are located in the HLA-D region that encodes at least six and ten chain genes. Three loci, DR, DQ and DP, encode the major expressed products of the human class II region. The human MHC class II molecules

## Product Details

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bind intracellularly processed peptides and present them to T-helper cells. They, therefore, have a critical role in the initiation of the immune response. It has been shown that some autoimmune diseases are associated with certain class II alleles. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Purification: Purified

## Target Details

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Target: HLA-DP beta

Alternative Name: MHC-II (HLA-DP) (beta chain) ([HLA-DP beta Products](#))

Molecular Weight: 36 kDa (? chain) and 27 kDa (? chain)

Gene ID: 3115, 3122

## Application Details

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Application Notes: Immunohistology formalin-fixed 0.5-1 µg/mL

- Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes
- Immunofluorescence 0.5-1 µg/mL
- Flow Cytometry 0.5-1 µg/million cells/0.1 mL
- Optimal dilution for a specific application should be determined by user

Comment: Raji cells. Tonsil or lymph node

Restrictions: For Research Use only

## Handling

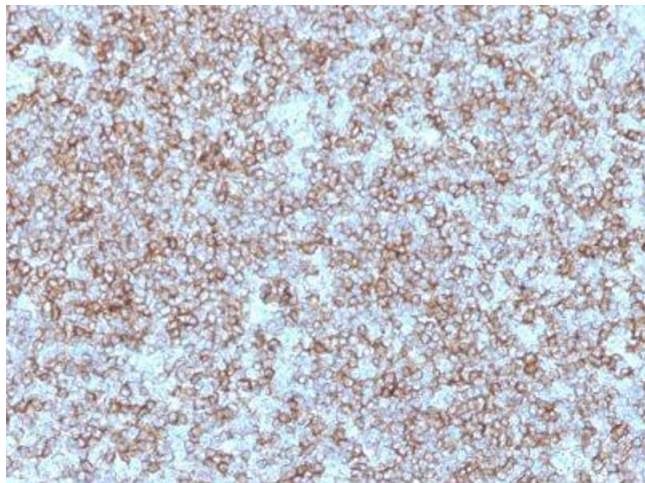
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Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS (no BSA, no azide)

Preservative: Azide free



**Image 1.**