

Datasheet for ABIN6153323  
**anti-HLA-DP beta antibody (CF®488A)**



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## Overview

Quantity:	100 µL
Target:	HLA-DP beta
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DP beta antibody is conjugated to CF®488A
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-FB6), CF488A Conjugate
Immunogen:	Non-T, non-B human acute lymphoblastic leukemia REH6 cell line
Clone:	BRA-FB6
Isotype:	IgG2b kappa
Characteristics:	This antibody recognizes a non-polymorphic determinant of DP-MHC class II. MHC class II antigens are transmembrane glycoproteins of non-covalently linked $i^1$ (33-35 kDa) and $i^2$ (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. Primary antibodies are available purified, or with a selection of fluorescent CF ® dyes and other labels. CF ® dyes offer exceptional

## Product Details

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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.

## Target Details

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Target:	HLA-DP beta
Alternative Name:	MHC-II (HLA-DP) (beta chain) ( <a href="#">HLA-DP beta Products</a> )
Molecular Weight:	33-35 kDa
Gene ID:	3115, 347270
UniProt:	<a href="#">P04440</a>

## Application Details

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Application Notes:	Immunohistology formalin-fixed 0.5-1 µg/mL <ul style="list-style-type: none"><li>• 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</li><li>• Immunofluorescence 0.5-1 µg/mL</li><li>• Flow Cytometry 0.5-1 µg/million cells/0.1 mL</li><li>• Optimal dilution for a specific application should be determined by user</li></ul>
Comment:	Raji cells. Tonsil or lymph node
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % 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.
Handling Advice:	Protect from light