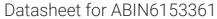
antibodies -online.com





anti-HLA-DP beta antibody (CF®488A)



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-14), CF488A Conjugate	
Immunogen:	Human REH cells	
Clone:	Bra-14	
Isotype:	IgG3 kappa	
Characteristics:	This antibody recognizes a common epitope of human major histocompatibility (MHC) class II	

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

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.

Target Details

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

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

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.

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Handling Advice:

Protect from light