Datasheet for ABIN6153301

anti-HLA-DP beta antibody (CF®405S)

Go to Product page

Overview

Quantity:	100 µL
Target:	HLA-DP beta
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DP beta antibody is conjugated to CF®405S
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), CF405S 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± (33-35 kDa) and i² (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

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:	33-35 kDa
Gene ID:	3115, 347270
UniProt:	P04440

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.
Handling Advice:	Protect from light

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