

DATASHEET

HLA-DP Mouse Monoclonal Antibody(B7/21)

CAT. NO. AMA03751

KEY FEATURES

Target	HLA-DP	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG3. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

BACKGROUND

Binds peptides derived from antigens that access the endocytic route of antigen presenting cells (APC) and presents them on the cell surface for recognition by the CD4 T-cells. The peptide binding cleft accommodates peptides of 10-30 residues. The peptides presented by MHC class II molecules are generated mostly by degradation of proteins that access the endocytic route, where they are processed by lysosomal proteases and other hydrolases. Exogenous antigens that have been endocytosed by the APC are thus readily available for presentation via MHC II molecules, and for this reason this antigen presentation pathway is usually referred to as exogenous.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to HLA-DP
Specificity	Recognizes human HLA-DP
Antibody Type	Primary antibody
Immunogen	Human NALM6 Leukemia Cells
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Mouse IgG3. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	HLA-DP1A; HLASB; HLA class II histocompatibility antigen DP alpha 1 chain; DP(W3); DP(W4); HLA-SB alpha chain; MHC class II DP3-alpha; MHC class II DPA1
Gene Symbol	HLA-DPA1
Entrez Gene	3113(Human)
SwissProt	P20036(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

HLA-DP Mouse Monoclonal Antibody(B7/21)

CAT. NO. AMA03751

| DATA

| STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.