

Mouse MHC Class II Monoclonal Antibody | anti-HLA-DQB1 antibody

MHC Class II antibody (allophycocyanin)

CATALOG #	HOST	APPLICATIONS
AAA107156	Mouse	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Dot Blot, ELISA

PRODUCT SYNONYMS

MHC Class II; Monoclonal Antibody; MHC Class II antibody (allophycocyanin); Monoclonal MHC Class II; Anti-MHC Class II; Anti MHC Class II; MHCII; MHCCI; MHC Class II (APC); anti-HLA-DQB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	HIS19
Specificity	Human
Purity/Purification	YFP antibody was purified by affinity chromatography
Form/Format	Supplied in 10mM PBS, pH 7.2 with 0.05% sodium azide.
Concentration	1mg/ml (varies by lot)
Sequence Length	229
Applicable Applications for anti-HLA-DQB1 antibody	IS (Immunostaining), IP (Immunoprecipitation), DB (Dot Blot), ELISA
Biological Significance	The HIS19 monoclonal antibody reacts with a polymorphic epitope of the rat MHC class II molecule, RT1B. This antibody reacts with all rat haplotypes except the RT1n. The rat MHC class II, RT1B, is expressed by antigen presenting cells including B cells, dendritic cells and macrophages.
Tag/Conjugate	Allophycocyanin
Preparation and Storage	4 degree C shipping only. Upon receipt store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DQB1 antibody	Mouse monoclonal MHC Class II antibody (allophycocyanin)
Product Categories/Family for anti-HLA-DQB1 antibody	Immunology ; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1160938
NCBI GeneID	3119
UniProt Accession #	P01920 ; A1KR27 ; A2RPH3 ; A4Q9R4 ; A4USG2 ; A4USG5 ; A6N8I7 ; A9YQA0 ; B0S7Y7 ; B1A0K6 ; B1GXI3 ; B3VLT3
Molecular Weight	29,991 Da

NCBI Official Full Name	MHC class II, partial
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DQ beta 1
NCBI Official Symbol	HLA-DQB1
NCBI Official Synonym Symbols	IDDM1; CELIAC1; HLA-DQB
NCBI Protein Information	HLA class II histocompatibility antigen, DQ beta 1 chain
UniProt Protein Name	HLA class II histocompatibility antigen, DQ beta 1 chain
UniProt Gene Name	HLA-DQB1
UniProt Synonym Gene Names	HLA-DQB
UniProt Entry Name	DQB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mhc-class-ii-antibody-clone-his19-immunostaining-immunoprecipitation-dot-blot-elisa/107156>