

Mouse anti-Human HLA-DP Monoclonal Antibody | anti-HLA-DP antibody

anti-Human HLA-DP antibody (B7/21)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197029	Mouse	Human	Flow Cytometry, Functional Assay, Immunocytochemistry

PRODUCT SYNONYMS

HLA-DP; Monoclonal Antibody; anti-Human HLA-DP antibody (B7/21); HLA-DP Monomorphic; anti-HLA-DP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG3
Clone Number	B7/21
Specificity	Anti-HLA-DP In Vivo Antibody - Low Endotoxin (B7/21) recognizes a (Mr 26-34 kDa) class II major histocompatibility complex (MHC) antigen. The antibody recognizes a monomorphic determinant present on cells expressing DP1, DP2, DP3, DP4 and DP5.
Purity/Purification	>95% by SDS-PAGE and HPLC
Form/Format	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-HLA-DP antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry)
Endotoxin	≤ 1.0 EU/mg as determined by the LAL method
Immunogen	Unknown
Aggregation	Aggregation level ≤ 5%
Antigen Distribution	The HLA-DP antigen is present on approximately 10% of normal peripheral blood lymphocytes but not on resting peripheral T-lymphocytes. HLA-DP is present in low density on peripheral blood monocytes and mitogen-stimulated T-lymphoblasts. Anti-HLA-DP reacts with most B-cell lines.
Preparation and Storage	This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid repeated freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DP antibody	This antibody is a mouse IgG3 and is prone to precipitation at lower temperatures (2-8, -70C) resulting in a slight opaque white liquid. If you allow the antibody to come back to room temperature, the majority of the precipitate will re-solubilize. We would still recommend a centrifugation/filtration as there could still be a small amount of precipitated material. ichorbio's bulk anti-human HLA-DP Antibody (B7/21) [ICH1024] is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility.
Product Categories/Family for anti-HLA-DP antibody	Low Endotoxin; anti-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hla-dp-antibody-clone-b7-21-flow-cytometry-immunocytochemistry-elisa/197029>