

PE Anti-Human HLA-DP Antibody[B7/21]

Catalog Number: AN00566D

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

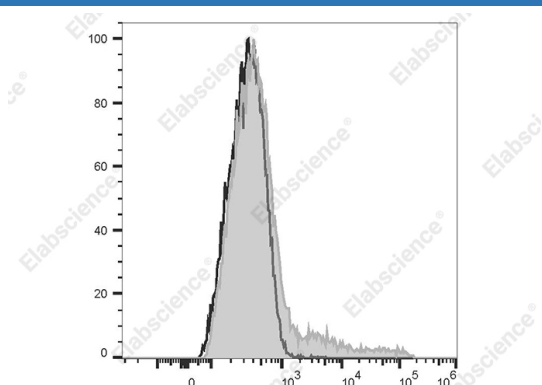
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG3
Clone No.	B7/21
Isotype Control	PE Mouse IgG3, κ Isotype Control[A112-3] [Product E-AB-F09752D]
Conjugation	PE
Conjugation Information	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Staining of normal human peripheral blood cells with PE Anti-Human HLA-DP Antibody[B7/21](filled gray histogram) or PE Mouse IgG3 Isotype Control (empty black histogram). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	MHC class II;Major Histocompatibility complex II;human leukocyte antigen
Uniprot ID	P20036
Gene ID	3113

For Research Use Only

Background

HLA-DP is heterodimeric cell surface glycoproteins comprised of an α (heavy) chain and a β (light) chain. It is expressed on B cells, activated T cells, monocytes/macrophages, dendritic cells, and other non-professional APCs.