

A Reliable Research Partner in Life Science and Medicine

PE Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

Catalog Number: E-AB-F0990D

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. M5/114

PE Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842D] Isotype Control

Conjugation

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.

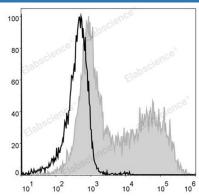
Applications Recommended usage

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.

Data



C57BL/6 murine splenocytes are stained with PE Anti-Mouse MHC II (I-A/I-E) Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names H2-Ab1/Eb1;I-E beta MHC class II:MHC class II:MHC class II H2-IA-beta-psi:Major

histocompatibility protein class II beta chain

Uniprot ID P14483;O78196 Gene ID 14961;14969

For Research Use Only

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Background

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These class II molecules are expressed on antigen presenting cells (including B cells) and a subset of T cells from H-2b,d,q,r bearing mice and are involved in antigen presentation to T cells expressing CD3/TCR and CD4 proteins.

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