



A Reliable Research Partner in Life Science and Medicine

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

Catalog Number: E-AB-F0990B

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ **Clone No.** M5/114

Isotype Control Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843B]

Conjugation Biotin

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. For flow

cytometric staining, the suggested use of this reagent is \leq 1.0 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. 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;078196 **Gene ID** 14961;14969

Background 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.