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Biotin Anti-Mouse H-2 Antibody [M1/42]

Catalog Number: E-AB-F1216B

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

Description

Mouse Reactivity Rat Host

Isotype Rat IgG2a, ĸ Clone No. M1/42

Biotin Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833B] Isotype Control

Biotin Conjugation

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow **FCM**

> cytometric staining, the suggested use of this reagent is $\leq 1.0 \,\mu g$ per 10^6 cells in $100 \,\mu L$ volume or 100 µL 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 MHC I; Mouse major histocompatibility complex (MHC) H-2

Uniprot ID P06345 Gene ID 111364

Background The M1/42 antibody reacts with the H-2 MHC class I alloantigens expressed on

> nucleated cells from mice of the a, b, d, j, k, s, and u haplotypes (Stallcup, KC et al, 1981). MHC class I is involved in antigen presentation to T cells expressing CD3/TCR

and CD8 proteins.

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