

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

Catalog Number: E-AB-F0990UQ

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. M5/114

Isotype Control Elab Fluor® Violet 450 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843Q]

Conjugation Elab Fluor® Violet 450

Conjugation Information Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

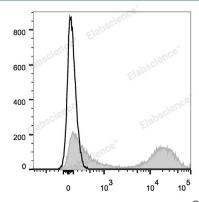
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μg/10⁶ cells in 100 µL volume].

Data



Mouse splenocytes are stained with Elab Fluor® Violet 450 Anti-Mouse MHC II (I-A/I-E) Antibody (filled gray histogram). Unstained splenocytes (blank 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

Elabscience®

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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