

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 540 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

Catalog Number: E-AB-F0990T3

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 540 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842T3]

Conjugation Elab Fluor® Violet 540

Conjugation Information Elab Fluor® Violet 540 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter).

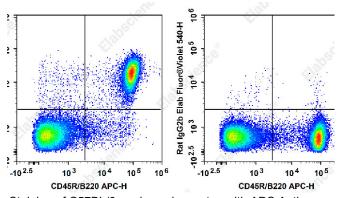
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

Applications Recommended usage

FCM

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



Staining of C57BL/6 murine splenocytes with APC Anti-Mouse CD45R/B220 Antibody[RA3.3A 1/6.1] and Elab Fluor

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

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

histocompatibility protein class II beta chain

Uniprot ID P14483;O78196;

For Research Use Only

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Rev. V1.8

[®] Violet 540 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] (left) or Elab Fluor® Violet 540 Rat IgG2b, κ Isotype Control (right). Total viable cells were used for analysis.

Elabscience Bionovation Inc.



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Gene ID

Background

14961;14969

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.