A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 500 Anti-Mouse MHC II Antibody[M5/114]

Catalog Number: E-AB-F0990R

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 Elab Fluor® Violet 500 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842R]

Conjugation Elab Fluor® Violet 500

Conjugation Information Elab Fluor® Violet 500 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 501 nm (e.g., a 525/45 nm bandpass filter).

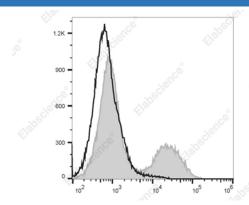
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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 Elab Fluor® Violet 500 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

(filled gray histogram) or Elab Fluor[®] Violet 500 Rat IgG2b, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

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

Web: www.elabscience.cn

histocompatibility protein class II beta chain

Uniprot ID P14483;O78196;

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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.