

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® Violet 610 Anti-Mouse MHC II Antibody[M5/114]

Catalog Number: E-AB-F0990UT

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 610 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843T]

Conjugation Elab Fluor® Violet 610

**Conjugation Information** Elab Fluor® Violet 610 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 613 nm (e.g., a 615/20 nm bandpass filter).

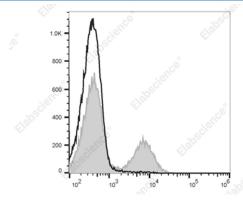
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### Applications Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. 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  $\mu$ g/10<sup>6</sup> cells in 100  $\mu$ L volume].

#### Data



Staining of C57BL/6 murine splenocytes with Elab Fluor® Violet 610 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

(filled gray histogram) or Elab Fluor<sup>®</sup> Violet 610 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  $^{\circ}\text{C}$  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;

# For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

# **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.