

Elab Fluor® Violet 450 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]**Catalog No.** E-AB-F0990UQ**Storage** Store at 2~8°C, Avoid freeze / thaw cycles**Reactivity** Mouse**Applications** FCM**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.**Antigen Information****Alternate Names** H2-Ab1/Eb1, Major histocompatibility protein class II beta chain, MHC class II H2-IA-beta-psi, I-E beta MHC class II, MHC class II**Uniprot ID** P14483, O78196**Gene ID** 14961, 14969**Background** 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.**Product Details****Form** Liquid**Concentration** 0.5 mg/mL**Size** 25µg/100µg**Clone No.** M5/114**Host** Rat**Isotype** Rat IgG2b, κ**Reactivity** Mouse**Application** FCM**Isotype Control** [Elab Fluor® Violet 450 Rat IgG2b, κ Isotype Control\[LTF-2\] \[Product E-AB-F09843Q\]](#)**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.**Shipping** Biological ice pack at 4 °C**Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.

Fluorophore

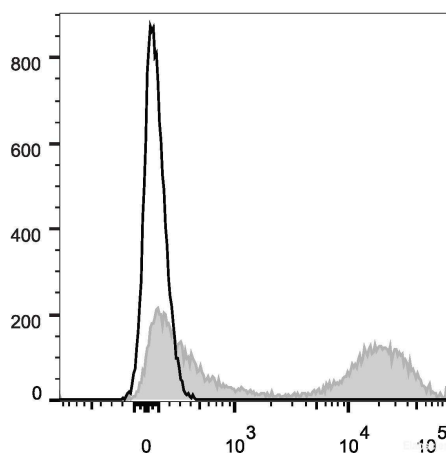
Conjugation: Elab Fluor® Violet 450

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).

Recommended usage

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].

Product 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.

Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>