

Elab Bright™ Violet 510 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

Catalog Number: E-AB-F0990R1

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

Description

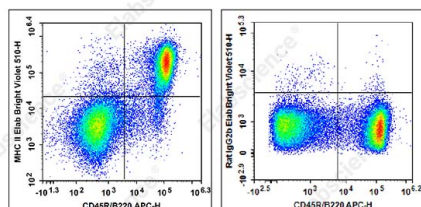
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	M5/114.15.2
Isotype Control	Elab Bright™ Violet 510 Rat IgG2b, κ Isotype Control[R35-38] [Product AN00821R1]
Conjugation	Elab Bright™ Violet 510
Conjugation Information	Elab Bright Violet 510 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 510 nm (e.g., a 525/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

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.
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Data



Staining of Balb/C murine splenocytes cells with APC Anti-Mouse CD45R/B220 Antibody and Elab Bright Violet 510 Anti-Mouse MHC II Antibody[M5/114] (left) or Elab Fluor Violet 510 Rat IgG2b, κ Isotype Control (right). 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	H-2I;I-Ab;I-Ad;I-Aq;I-Ed;I-Ek MHC class II alloAgs;Ia Ag;M5/114;MHC II
Uniprot ID	P01897

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Rev. V1.4

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.