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

Catalog Number: E-AB-F0990R1

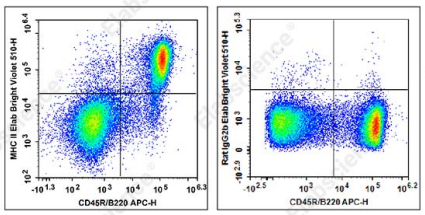
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

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% 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 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 Balb/C murine splenocytes cells with Elab Bright ™ Violet 510 Anti-Mouse MHC II Antibody[M5/114] and APC Anti-Mouse CD45R/B220 Antibody[RA3.3A 1/6.1] (left) or Elab Fluor®Violet 500 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
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.