

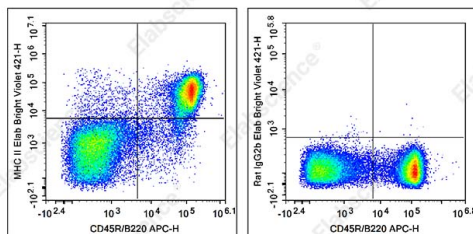
## Elab Bright™ Violet 421 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

Catalog Number: E-AB-F0990Q2

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

Description	
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, $\kappa$
Clone No.	M5/114.15.2
Isotype Control	Elab Bright™ Violet 421 Rat IgG2b, $\kappa$ Isotype Control[R35-38] [Product AN00821Q2]
Conjugation	Elab Bright™ Violet 421
Conjugation Information	Elab Bright™ Violet 421 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 421 nm (e.g., a 450/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.
Applications	
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> 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 421 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] and APC Anti-Mouse CD45R/B220 Antibody[RA3.3A 1/6.1]

(left) or Elab Bright™ Violet 421 Rat IgG2a,  $\kappa$  Isotype Control. 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, 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

## For Research Use Only

**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.