

## 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

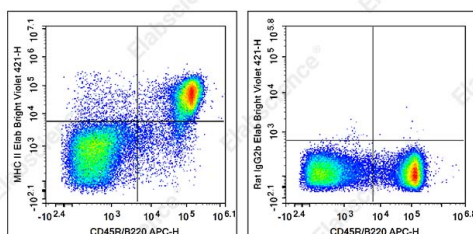
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, $\kappa$
Clone No.	M5/114.15.2
Isotype Control	Elab Bright™ Violet 421 Rat IgG2b, $\kappa$ Isotype Control[R35-38] [Product AN00821Q2]
Conjugation	Elab Bright™ Violet 421
Conjugation Information	Elab Bright™ Violet 421 is designed to be excited by the violet 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% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

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.
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### 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
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### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.6

<b>Uniprot ID</b>	P14483,O78196
<b>Gene ID</b>	14961;14969
<b>Background</b>	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.