

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

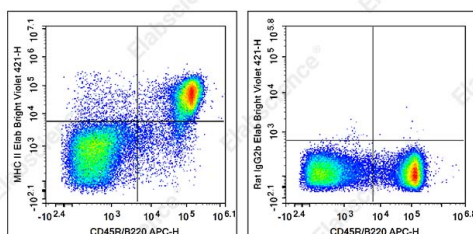
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	M5/114.15.2
Isotype Control	Elab Bright™ Violet 421 Rat IgG2b, κ Isotype Control[R35-38] [Product AN00821Q2]
Conjugation	Elab Bright™ Violet 421
Conjugation Information	Elab Bright Violet 421 is designed to be excited by the violet laser (405 nm) 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. 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 421 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] (left) or Elab Bright Violet 421 Rat IgG2a, κ 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

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Rev. V1.5

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.