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.*

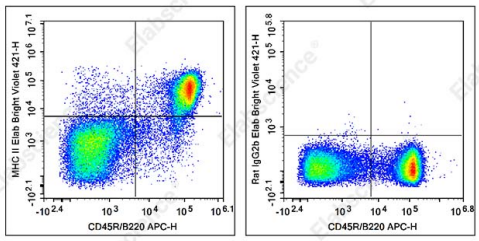
Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	M5/114
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.

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 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, 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 24 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

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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.

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