

Biotin Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114]

Catalog No.	E-AB-F0990B	Reactivity	Mouse
Storage	Store at 2~8°C, Avoid freeze / thaw cycles	Applications	FCM

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

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
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.

Product Details

Form	Liquid
Concentration	0.5 mg/mL
Size	25µg/100µg
Clone No.	M5/114
Host	Rat
Isotype	Rat IgG2b, κ
Reactivity	Mouse
Application	FCM
Isotype Control	Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843B]
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping	Biological ice pack at 4 °C
Stability & Storage	Keep as concentrated solution. Store at 2~8°C .Do not freeze. This product is guaranteed up to one year from purchase.

For Research Use Only

Thank you for your recent purchase.

If you would like to learn more about antibodies, please visit www.elabscience.com.

**Focus on your research
Service for life science**

Applications: Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFCM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{L}$ volume or $100 \mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>

For Research Use Only

Thank you for your recent purchase.

If you would like to learn more about antibodies, please visit www.elabscience.com.

**Focus on your research
Service for life science**

Applications: Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation