

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

catalog number: E-AB-F0990A

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

Description

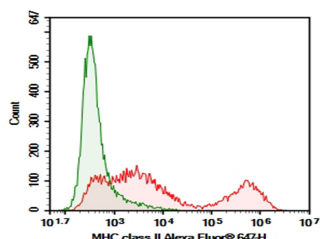
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|---------------------|--|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse MHC class II protein |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone | M5/114 |
| Purification | >98%, Protein A/G purified |
| Conjugation | Unconjugated |
| Buffer | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

Applications

Recommended Dilution

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|------------|---|
| FCM | 2 $\mu\text{g/mL}$ (1×10^5 - 5×10^5 cells) |
|------------|---|

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg AF/LE Purified Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] (Right) and 0.2 μg Rat IgG2b, κ Isotype Control(Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody.

Preparation & Storage

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| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

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.