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# AF/LE Purified Anti-Mouse H-2 Antibody[M1/42]

catalog number: E-AB-F12160

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

#### **Description**

**Reactivity** Mouse Host Rat

 Isotype
 Rat IgG2a, κ

 Clone
 M1/42

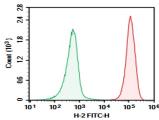
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications Recommended Dilution

FCM  $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$ 

## Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg AF/LE Purified Anti-Mouse H-2 Antibody[M1/42] (Right) and 0.2 μg Rat IgG2a, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Rat IgG Secondary Antibody.

## **Preparation & Storage**

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under as eptic conditions.

Shipping Ice bag

## **Background**

The M1/42 antibody reacts with the H-2 MHC class I alloantigens expressed on nucleated cells from mice of the a, b, d, j, k, s, and u haplotypes (Stallcup, KC et al, 1981). MHC class I is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins.

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