# 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.

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**Reactivity** Mouse **Host** Rat

 $\begin{array}{lll} \textbf{Isotype} & \text{Rat IgG2a, } \kappa \\ \textbf{Clone} & \text{M1/42} \\ \textbf{Conjugation} & \text{None (AF/LE)} \end{array}$ 

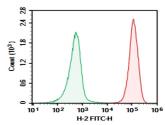
buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

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Applications	Recommended Dilution
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FCM  $2 \mu g/mL(1 \times 10^5 - 5 \times 10^5 \text{ cells})$ 

### 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 aseptic 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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