

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.

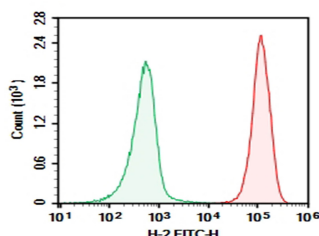
Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, κ
Clone	M1/42
Conjugation	None (AF/LE)
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 μ g/mL (1×10^5 - 5×10^5 cells)
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Data



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

Preparation & 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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