

Elab Fluor® Red 780 Anti-Mouse H-2 Antibody[M1/42]**Catalog Number:** GFH1216US**Note:** Centrifuge before opening to ensure complete recovery of vial contents.**Description**

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	M1/42
Isotype Control	Elab Fluor® Red 780 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833S]
Conjugation	Elab Fluor® Red 780
Conjugation Information	Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

Applications**Recommended usage****FCM**

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 $\mu\text{g}/10^6$ cells in 100 μL volume].

Preparation & Storage**Storage**

Keep as concentrated solution.
This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

Shipping

Ice bag

Antigen Information**Alternate Names**

MHC I; Mouse major histocompatibility complex (MHC) H-2

Gene ID

111364

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.