



A Reliable Research Partner in Life Science and Medicine

## Elab Fluor® Red 780 Anti-Mouse H-2 Antibody[M1/42]

Catalog Number: E-AB-F1216S

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

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Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ M1/42 Clone No.

Isotype Control Elab Fluor<sup>®</sup> Red 780 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832S]

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).

Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

**Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM** 

> of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

**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

**Uniprot ID** P06345 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.

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