

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 647 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10]

Catalog Number: AN00429UM

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

#### **Description**

Reactivity Mouse Mouse Host

Isotype Mouse IgG2a, ĸ SF1.1.10 Clone No.

Isotype Control Elab Fluor<sup>®</sup> 647 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802M]

Conjugation Elab Fluor®647

**Conjugation Information** Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).

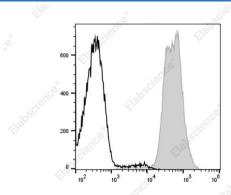
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **Applications** Recommended usage

**FCM** 

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

#### Data



Staining of BALB/c murine splenocytes cells with Elab Fluor® 647 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10] (filled gray histogram) or Elab Fluor® 647 Mouse IgG2a, к Isotype Control (empty black histogram). Total viable cells were used for analysis.

#### **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 class I;H-2Kd

**Uniprot ID** Q31191 Gene ID 14972

## For Research Use Only

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#### **Elabscience Bionovation Inc.**



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### **Background**

The SF1-1.1 antibody reacts with the H-2Kd MHC class I alloantigens expressed on nucleated cells from mice of the H-2Kd haplotype. H-2Kd is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins.

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