

## 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

<b>Reactivity</b>	Mouse
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone No.</b>	SF1.1.10
<b>Isotype Control</b>	Elab Fluor® 647 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802M]
<b>Conjugation</b>	Elab Fluor® 647
<b>Conjugation Information</b>	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).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

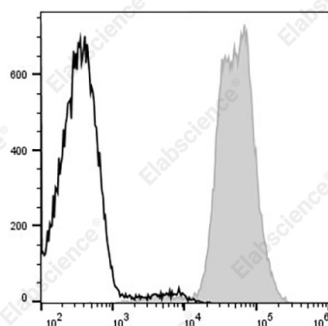
### Applications

### 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, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	MHC class I;H-2Kd
<b>Uniprot ID</b>	Q31191
<b>Gene ID</b>	14972

### For Research Use Only

## 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.